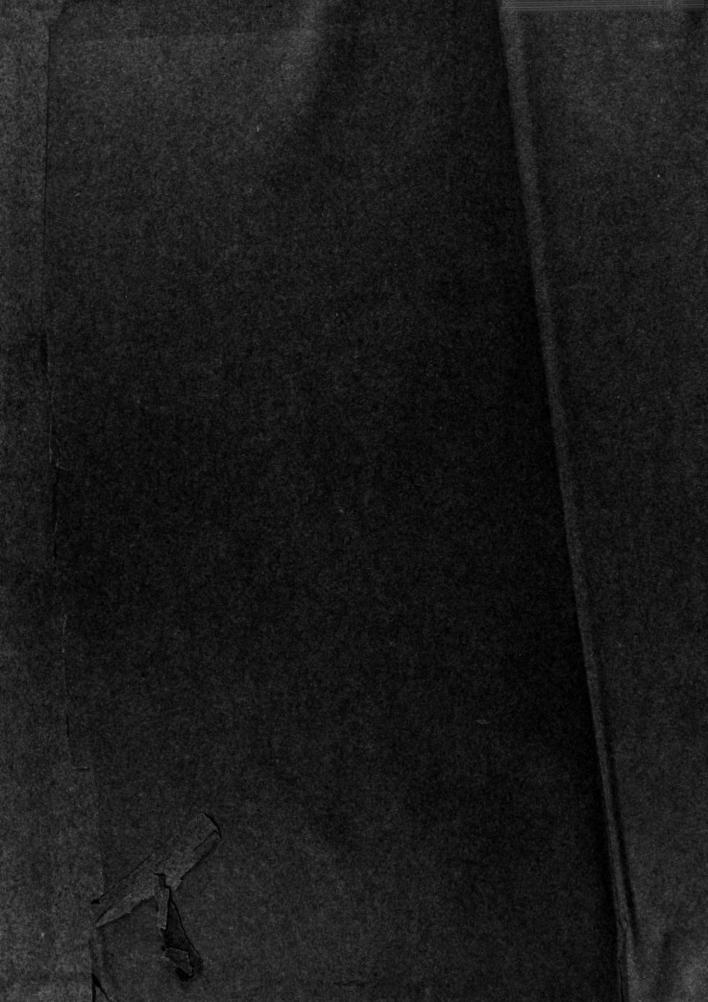
# LOGAN-GREGG HARDWARE (C) PITTSBURG—



OFFICERS

GEO. B. LOGAN, President and Treasurer ROBT. M. REPF, General Manager

P. L. LOGAN, Vice-President W. H. PARKE, Secretary

CATALOGUE No. 30

## LOGAN-GREGG HARDWARE COMPANY PITTSBURG

Wholesale Distributers of Hardware

=1912=

OFFICES AND WAREHOUSE:

125-131 SEVENTH STREET

PRINTED BY PITTSBURGH PRINTING COMPANY, PITTSBURGH, PA.



#### IMPORTANT INFORMATION

#### TERMS OF SALE:

Payment is due on all sales upon delivery of the goods.

Additional time as noted below will be allowed while purchaser's credit standing continues satisfactory to us.

Limit of time, 60 days.

2% Discount allowed for Cash within 10 days.

1% on Lead and Oil.

No Discount allowed after 10 days.

All goods sold f. o. b. Pittsburg, unless otherwise specified.

Nails, Wire, Oils and Lead sold only on 10 days time.

#### MODE OF COLLECTION:

We render statement when account falls due. Receipt of our statement means a request for payment.

When accounts stand unpaid after due, we send notice, "Will draw on——inst." This gives time to anticipate our draft by remittance. Upon the day named we make draft with interest and exchange.

N. B.—We carry no running accounts with payments "on account." Each payment should close the account up to a specified date. Frequent buyers are expected to balance accounts once a month.

#### CLAIMS:

Our shipments are delivered to Transportation Co. in good order, and are shipped at the risk of buyer. When goods arrive in bad order, receipt for them noting this fact and make claim on the Transportation Co.

Claims for overcharge or shortage must be made immediately upon receipt of goods.

We are not responsible for goods delivered to messengers or to other houses, nor to stations where there is no Agent. All such deliveries are at buyers' risk.

#### BACK ORDERS:

We aim to carry a full stock and complete orders at one shipment.

When this is impossible, we send a memorandum of Back Order and request customer to advise if shipment is not desired.

Unless we receive such notice if goods are seasonable or special we ship soon as received. Regular staple articles of insufficient weight to make a separate shipment we hold for next order.

Customers are expected to pay the regular railroad charges.



#### OUR SPECIAL BRANDS



This brand is used to denote quality. All "Sterling" brand goods are covered by our personal guarantee and are strictly first quality. At the same time they are moderate in price, our aim being to furnish a high grade article which can be sold at a moderate price.



This brand we have used for a great many years. It is used to designate goods of dependable quality, but which are not necessarily covered by our personal guarantee. It is a recognized standard of quality among the trade.

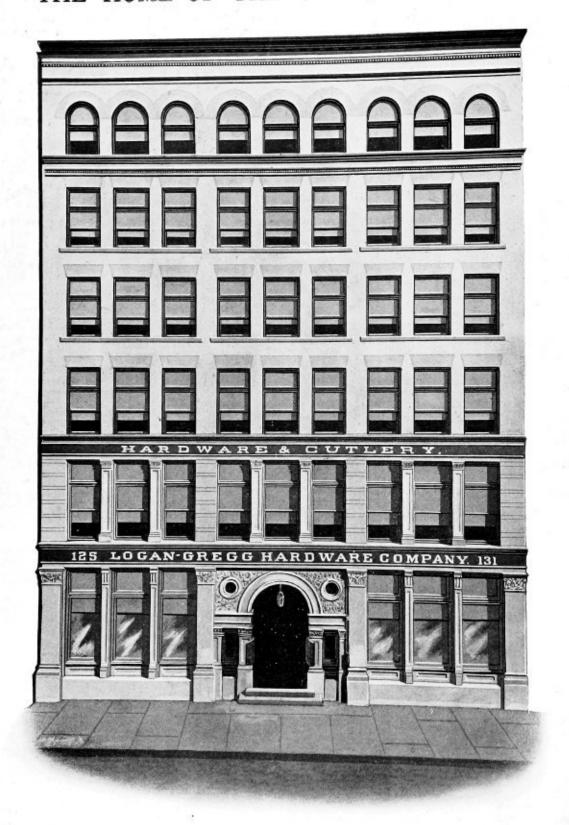


This is our brand for popular priced goods. It is never placed upon goods which have nothing but price to recommend them, but denote good quality at a low price. It has been in use a long time and has a recognized standing with the trade.

Customers giving preference to these brands are sure of getting full value for their money. Goods so branded are desirable because they command good prices on account of their quality and because competition in them is considerably more restricted than in many manufacturers' brands.



### THE HOME OF THE STERLING BRAND



We have additional room in the adjoining building which gives us over 100,000 square feet of floor space.



#### INDEX

In compiling Index our aim has been to catalogue all items at least twice; frequently oftener; so that the item sought may be readily found.

First, under the noun, thus:

SHOVELS
Coal 263

This being the usual form of indexing, we have used bold-face capitals for the noun and lightface type for the adjective.

Second, the words are printed in regular order in light-face type, thus:

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# TOOLS AND SUPPLIES

# **MECHANICS**

MINERS

CONSTRUCTION

AGRICULTURAL

LOGAN-GREGG HARDWARE CO.

PITTSBURG



# SINGLE BIT AXES

### DAYTON PATTERN



Red Warrior,—Dayton pattern, Red over gold bronze, Polished bit and poll,

3 to 4, or all 31/2 pounds. Base	weights.	Per dozen	\$ 10.50
31/2 to 41/2 or all 4 pounds	Extra net,	Per dozen	.25
4 to 5 or all 41/2 pounds		64	.50
41% to 51% or all 5 pounds		-	.75
51% pounds		44	1.00
6 pounds	44	44	1.25
One dozen	in a case,		

#### DAYTON PATTERN



Sterling.—Dayton pattern, Crucible steel, Fire blued and deep etched. Warranted free from flaws and of correct temper for service, Every defective one cheerfully replaced. Each axe in wood carton,

3 to 4 or all 31/2 pounds. Base	weights	Per dozen.\$	15.00
31/2 to 41/2 or all 4 pounds E	xtra net,	Per dozen	25
4 to 5 or all 41/2 pounds	**	11	.50
41% to 51% or all 5 pounds	64	**	.75

One dozen in a case,

### MICHIGAN PATTERN



Robert Mann, -Michigan pattern, Gold bronzed, Polished bit and poll,

8 to 4 or all 31/2 pounds, Base	weights	Per dozen \$	10.50
31/2 to 41/3 or all 4 pounds	Extra net,	Per dozen	.25
4 to 5 or all 41/2 pounds	**	44	.50
41% to 51% or all 5 pounds	**	44	.75

One dozen in a case,

#### RAFTING



Kafting.—Red Warrior. Painted red. Hardened steel poll, polished. Steel bit, polished. Large head designed for peg driving—surveyors' and engineers' use, as well as for construction work in general.

One dozen in a case,



### DOUBLE BIT AXES

#### CROWN PATTERN



Red Warrior.—Crown pattern. Red over gold bronze. Polished bit.

3 to 4, or all 31/2 pounds. Base	weights	Per doze	n \$ 15.00
31/2 to 41/2 or all 4 pounds E	extra net.	64	.25
4 to 5 or all 41/2 pounds	14	**	-50
41/2 to 51/2 or all 5 pounds	64	44	.75
51/2 pounds	14	41	1.00

One dozen in a case.

#### REVERSIBLE PATTERN



Red Warrior.—Reversible pattern. Red over gold bronze. Polished bit.

3 to 4, or all 31/2 pounds. Base w	eights	Per dozen	\$ 15.00
31/2 to 41/2 or all 4 pounds Ex	ctra net.	64	-25
4 to 5 or all 41/2 pounds	"	64	-50

One dozen in a case.

#### CROWN PATTERN



Robert Mann.—Crown pattern. Gold bronzed. Polished bit.

3 to 4, or all 31/2 pounds. Base w	reightsl	Per doze	s 15.00
31/2 to 41/2 or all 4 pounds E	xtra net.		-25
4 to 5 or all 41/2 pounds	**	46	-50
41/2 to 51/2 or all 5 pounds	44	66	-75
51/2 pounds	**	**	1.00

One dozen in a case.

### PEELING PATTERN



Red Warrior.—Peeling pattern. Red over gold bronze. Polished bit.

3 to 4 or all 3½ pounds. Base weights. Per dozen \$ 16.50 3½ to 4½ or all 4 pounds.....Extra net. " .25 4 to 5 or all 4½ pounds...... " " .50

One dozen in a case.



### DOUBLE BIT AXES

#### CROWN PATTERN



Sterling.—Crown pattern. Crucible steel. Fire blued and deep etched. Warranted free from flaws and correct temper for service. Every defective one cheerfully replaced. Each axe in wood carton.

3 to 4 or all 31/4 pounds. Base	weights	Per doze	n.\$ 21.00
31/4 to 41/4 or all 4 pounds	Extra net.		.25
4 to 5 or all 41% pounds	14	46	-50
41% to 51% or all 5 pounds	**	Ev.	-75
51/2 pounds	64	44	1.00

One dozen in a case.

### CROWN PATTERN



Perfect.—W. C. Kelly. Crown pattern. Phantom bevel, painted blue. Polished.

3 to 4 or all 31/2 pounds. Base we	eightsPe	er dozen 🖇	16.00
31/2 to 41/2 or all 4 pounds Ex	tra net.	н	.25
4 to 5 or all 41/2 pounds	64	**	-50
41/2 to 51/2 or all 5 pounds	46	44	.75

One dozen in a case.

### DOUBLE BIT HANDLED AXES

RED WARRIOR

ORION



Red Warrior.—Crown pattern. Red over gold bronze. Polished bit. With 36-inch No. 1 handles.

		pounds, assorted		20.25
31/6	to 41%	pounds, assorted	"	21.00
		pounds assorted	44	21.75

One-half dozen in a crate.



 Orion.
 Crown pattern.
 Black finish with polished bit.

 bit.
 With 36-inch No. 2 handles.

 3 to 4 pounds, assorted.
 Per dozen \$ 16-50

 3½ to 4½ pounds, assorted.
 17-25

 4 to 5 pounds, assorted.
 18-00

One-half dozen in a crate.



# STERLING HANDLED AXES

### DAYTON PATTERN





Sterling.—Dayton pattern. Crucible steel. Fire blued and deep etched. Warranted free from flaws and correct temper for service. With 36-inch No. 1 handles.

3	to	4	pounds,	assorted	Per dozen.	20.25
31/2	to	41/2	pounds,	assorted	41	21.00
4	to	5	pounds,	assorted	16	21.75

One-half dozen in a crate.



Sterling.—Michigan pattern. Crucible steel. Fire blued and deep etched. Warranted free from flaws and correct temper for service. With 36-inch No. 1 handles.

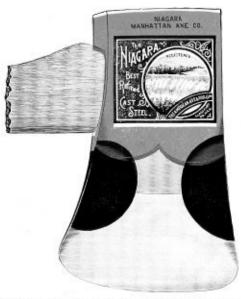
	to 4	pounds,	assortedPer	dozen.8	20.25
31/3	to 41/2	pounds,	assorted		21.00
4	to 5	pounds,	assorted	415	21.75

One-half dozen in a crate.

# NIAGARA HANDLED AXES

### DAYTON PATTERN

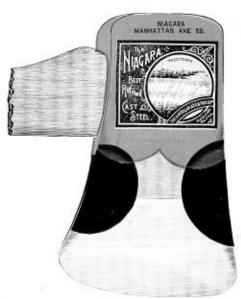
### MICHIGAN PATTERN



Niagara.—Dayton pattern. Red with blue phantom bevels and polished bit and poll. With 36-inch No. 2 handles.

3	to 4	pounds,	assorted	Per dozen \$	13.50
31/2	to 41/2	pounds,	assorted	**	14.25
4	to 5	pounds,	assorted	46	15.00

One-half dozen in a crate.

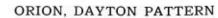


Niagara.—Michigan pattern. Red with blue phantom bevels and polished bit and poll. With 36-inch No. 2 handles.

One-half dozen in a crate.

### HANDLED AXES

### RED WARRIOR, DAYTON PATTERN









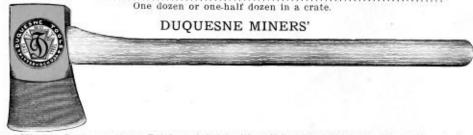
 Orion.— Miners'. Dayton pattern. Black finish with polished poll. With 26-inch No. 2 Miners' straight handles.

 3 to 4 pounds, assorted.
 Per dozen \$ 11.00

 3½ to 4½ pounds, assorted.
 " 11.75

 4 to 5 pounds, assorted.
 " 12.50

 4½ to 5½ pounds, assorted.
 " 13.25



 Duquesne.—Miners'. Dayton pattern. Bright red finishwith polished bit. With 26-in. No. 2 Miners' straight handles.

 3 to 4 pounds, assorted.
 Per dozen \$ 12.00

 3½ to 4½ pounds, assorted.
 " 12.75

 4 to 5 pounds, assorted.
 " 13.50



Sterling.—Boys'. Maroon finish. Polished bit. Weight 21/2 pounds. With 26-inch No. 1 handles.....Per dozen \$ 10.50 One dozen in a crate.



### STERLING AXES AND HATCHETS

FIREMEN'S AXES

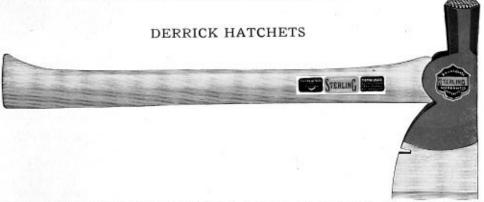






### HUNTERS' HATCHETS





Derrick.—Sterling. No. 3 size. Cast steel. Maroon finish. Polished bit. Width of cut 3½ inches. Creased head. With knob-end handle, 18 inches long. Weight, including handle, 2½ pounds.——Per dozen One-half dozen in a box.



### STERLING ADZES

CARPENTERS'











One-half dozen in a case.

Sterling adzes are hand made from best material. Forged by special continuous process thoroughly refining the steel. Blade re-enforced under the eye where the strain is greatest. The bit or cutting edge is hand hammered from finest crucible steel, carefully tempered to a degree that gives a strong keen edge.

### STERLING BROAD AXES AND HATCHETS

BROAD AXES

### BROAD HATCHETS



Pennsylvania pattern. Cast steel. Polished bit and head. Maroon finish.

Weight, Ibs	$5\frac{1}{2}$	6	$6^{1/2}$	7	71/2
Cut, inches (about)	$10\frac{1}{2}$	11	$11\frac{1}{2}$	12	$12\frac{1}{2}$
Per dozen8	32.00	35.00	35.00	35.00	35.00

One-half dozen in a case.



Cast steel. Polished bit and poll. Maroon finish, Single bevel.

Nos.,	1	2	3	4	5
Weight, Ibs	15/8	2	21/2	2%	31/4
Cut, inches	4	41/2	5	51/2	6
Per dozen \$	10.50	11.50	13.00	14.50	16 50

Weights given above do not include handles.

One-half dozen in a box; two dozen in a case.



### STERLING HATCHETS

FULLY WARRANTED

HALF



Cast steel. Polished bit. Maroon finish.

LATH



No. 1.—Weight, 14 oz. Bit, 2½
inches wide....Per doz. \$ 8.00
No. 2.—Weight, 1 lb., 1 oz. Bit,
2½ in. wide....Per doz. 8.50
No. 3.—Weight, 1 lb., 4 oz. Bit,
2¾ in. wide....Per doz. 9.00
One-half dozen in a box; two
dozen in a case.

#### BARRELING

One-half dozen in a box; two

dozen in a case,

41/3 inches wide. Per doz. 10.00

No. 1.—Weight, 15 oz. Bit, 3½ in. wide. Per dozen \$ 8.50 No. 2.—Weight, 1 lb., 5 oz. Bit.

9.00

9.50

35/4 in. wide. Per dozen

No. 3.—Weight, 1 lb., 11 oz.

Bit, 4 in. wide. Per doz.

No. 4.—Weight, 2 lb., 6 oz. Bit,



#### SHINGLING



Cast steel. Polished bit. Maroon finish.

No.		
No.	1Weight, 1 lb., 1 oz. Bit,	
	31/2 in. widePer doz. \$	8.00
No.	2Weight, 1 lb., 7 oz. Bit,	
	4 in. wide Per doz.	8.50
No.	3Weight 1 lb., 13 oz. Bit,	
	41/4 in. widePer doz.	9.00
No.	4Weight, 2 fb., 3 oz. Bit,	
	41/2 in. widePer doz.	9.50
	One-half dozen in a box; two	
	dozen in a case.	

### CLAW



No. 2.—Weight, 1 lb., 8 oz. Width of bit, 3% inches. Heavy claw head. Per dozen \$ 9.50 One-half dozen in a box; two dozen in a case.

Weights given above do not include handles.

### STERLING HATCHETS

FULL POLISHED HALF



Full polished and etched. No. 101.—Weight, 15 oz. Bit, 31/4 in. wide. Per doz. \$ 11.00 No. 102.—Weight, 1 lb., 5 oz. 11.50 12.00

dozen in a case,

FULLY WARRANTED OCTAGON NECK HALF



Cast steel. Round poll. Octagon neck. Long Adze eye. Full polished. No. 211.—Weight, 15 oz. Bit

3½ in. wide. Per doz. \$ 14.50 No. 212.—Weight, 1 lb., 5 oz. Bit, 3½ inches wide. Per dozen ..... Full Nickel Plated

No. 301.-Weight, 15 oz. Bit 31/s in. wide. Per doz. \$ 17.50 No. 302.—Weight, 1 lb., 5 oz. Bit, 31/2 in...Per doz.

HAINES' PATTERN HALF



No. 222.—Size 2. Width of bit 3% luches. Extra thin bit. Long adze eye. Round poll and round neck. Solid cast steel. Full polished and etched.......Per dozen \* 16.00 One-half dozen in a box; two dozen in a case.

# DUQUESNE AND ORION HATCHETS

DUQUESNE HALF

DUQUESNE BROAD





Cast steel. Aluminum bronze finish. Polished bit.

dozen in a case.



Cast steel. Aluminum bronze finish. Polished bit. Single bevel. No. 2.—Weight, 2 lbs. Bit 41% in. wide. Per doz. \$ 11.50

No. 3.—Weight, 2 lbs., 8 oz. Bit 5 inches wide.

Weights given above do not include handles.



Cast steel. Ebony finish. Polished

Per dozen .....

No. 3.—Bit, 3¾ inches wide. Per dozen ..... One-half dozen in a box; two 9.00

dozen in a case,



### GERMANTOWN HALF HATCHETS

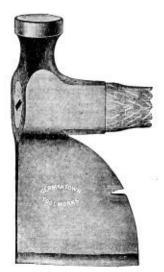


Forged from one piece of solid cast steel. Standard pattern. Olive bronze finish.

No. 336.—Size 1. Bit, 3¼ inches wide. Weight 1¼ lbs.



Forged from one piece of solid cast steel. Octagon neck and round poll. Fire bronze finish.



Forged from one piece of solid cast steel. Bell face and adze eye. Thin bit. Full polish finish.

One-half dozen in a box.

### HAMMOND'S HALF HATCHETS



Swedish iron body, tool steel head and bit. Copper bronze finish. Extra white Hickory handles.

Per dozen . . . . . . . . . . . One-half dozen in a box.



Steel body, tool steel head and bit-Full polished. Extra white Hickory handles.

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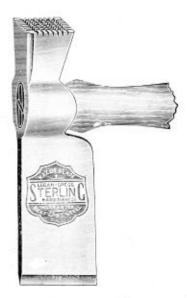
Swedish iron body, tool steel head and bit. Octagon neck and round poll. Copper bronze finish.

No. 030.—Size 1. Bit, 3½ inches wide. Weight 1½ lbs.

One-half dozen in a box.

Weights given on Hammond Hatchets do not include handles.

### LATH HATCHETS



No. 020.—Sterling Underhill pattern. Full polished. Solid crucible steel. Square poll. Creased head, 8 rows, 64 points. Bit 2 inches wide. Per dozen



No. 400.—Sterling Underhill pattern. Full polished. Solid crucible steel. Square poll. Creased head, 1½x1½ inches, 9 rows, 81 points. Bit 2 inches wide...Per dozen \$ 24.00

One-half dozen in a box.



No. 20.—Underhill Genuine. Chicago pattern. Full polished. High grade. Square poll. Creased head, 13/213/8 inches, 9 rows, 81 points. Bit 2 inches wide. Per dozen

33.00

### HATCHETS

PHOENIX HALF



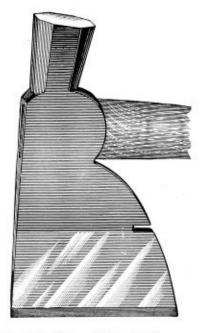
18.00



Phoenix.—Cast steel painted black. Polished bit. Cutter 31/8 inches wide....Per dozen \$ 4.50

One-half dozen in a package.

## CAST HALF



No. 032.—Cast. Painted red.
Polished bit. Cutter 31/4
inches wide......Per dozen
One-half dozen in a box.

### EMPIRE BARREL



8.00

"STERUNG BRAND FOR QUALITY STANDS"

3.00



# FARRIER'S HAMMERS

#### STERLING







No. 190

No. 190.-

No. 200.

No. 220.-

Sterling. Adze eye Sterling. Adze eye Sterling. Adze eye

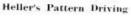
No. 200

No. 220

0,	Octagon port.	Polished. Weight, 7 ounces Cincinnati pattern. Polished. Weight, 10 ounces	16	\$ 7.50 7.75
e.	Octagon poll.	Boston pattern. Polished. Weight, 12 ounces	**	9.00
	One-half dozen	in a box. Weights do not include handle.		

#### HELLER'S







Rounding



No. 64

No. 65

No. 61

No. 64.—Regular driving. Adze eye. Octagon poll. Straw color. Weight, 13, 14, 15 or 16 ounces... Per dozen \$ 12.00 No. 65.—Heller's pattern driving. Adze eye. Round poll. Straw color. Weight, 13, 14, 15 or 16 ounces ... 15.00 No. 61.—Rounding. Double faced. Straw color. Weight, 2 to 3 pounds... ... 28.80 No. 60.—Cat's head or turning. Straw color. Weight, 2 to 3 pounds ... ... 28.80

One-half dozen in a box. Weights do not include handle.

# STERLING NAIL HAMMERS



 Size
 1
 1½

 Weight
 1 lb.4 oz.
 1 lb.

 Per dozen
 \$ 15.50
 15.00



 Sterling.—Cast steel. Ball face. Round poll. Polished. Adze eye. Hickory handle.

 No.
 51½

 Size
 1½

 Weight
 1 lb.

 Per dozen
 \$ 8.50



Sterling.—Cast steel, Round neck. Octagon poll. Nickel-plated. Varnished hickory handle. 33 311/2 Nos..... 31 3 Size 2 1 11/2 7 oz. Weight .... 1 lb. 4 oz. 1 lb. 13 oz. 12.50 Per dozen.. \$ 14.00 13.50 13.00



Cast steel. Full polished. Adze eye. Hick-Sterling. ory handle. Nos..... Size..... 1 Weight., 1 lb. 4 oz. 1½ 1 b. 3 4 13 oz. 7 oz. 4 02. 7.50 Per dozen \$ 9.00 8.50 8.00 7.25

## GERMANTOWN NAIL HAMMERS



Germantown.—Cast steel. Round neck. Octagon poll. Nickel-plated. Mansana De Jaiba handle.

po	rate reprinted.	man	pana the pann	a nandie.	
Nos.		0.000	42	41	40
Weig	ht		1 lb. 4 oz.	1 lb.	11 oz.
Per o	lozen		\$ 15.50	15.00	14.50
			One-half	dozen in	a how





# NAIL. HAMMERS



Maydole's. Crucible cast steel. Round poll. Adze eye. Full polished. Hickory handle. 11/2M 3M 1 lb. 13 oz. 7 oz. Per dozen ...... \$ 8.75 8.00 7.50 6.75



Maydole's. Crucible cast steel. Bell face and round poll. Full polished. Adze eye. Hickory handle. Nos..... 11 11½ Weight.. 1 lb. 3 oz. 1 lb Nos. 111/2 12 121/2 13 12 oz. 10 oz. 5 oz. Per dozen. \$8 75 8.00 7.50 7.206.40



Crucible cast steel. Straight claw or ripping. Bell face and round poll. Polished. Adze eye.

Noe	711	7111/	712
Nos.			
Weight			12 oz.
Per dozen	\$ 8.75	8.00	7.50
One half dozen in a how The	ment white	a to anno	out services

en in a box. The weights above given do not include the handle. One-half dozen in a box.



Orion. Cast steel. Bell face. Round poll. Polished. Adze eye. Plain handle. . Per dozen \$ 7.00

PHOENIX



Phoenix. Solid cast steel. Adze eye. Bell face and round poll. Well finished. Plain handle. Nos.... 17 Weight ...... 1 lb. 2 oz. 10 oz. 4.00



Cast. Finely polished and nickeled. Adze eye. Round neck and octagon poll. Ebony finish handle. 930 950 Weight ..... 1 lb. 3 oz. 7 oz. Per dozen. One-half dozen in a box. 2.50



### STERLING BALL PEIN HAMMERS

### HAMMERS MAYDOLE'S BALL PEIN



Sterling. Cast steet. Ball pein. Polished pein and face. Octagon pattern. 308 312 Nos..... 307 Size...... 4-0 3-0 Weight, lbs... 3% 1/2 Per dozen... \$ 12.00 12.00 3 13/4 12.50 13.50 14.50 12.00 15.50 314 315 316 317 318 Nos..... 
 Size
 4
 5
 6
 7
 8

 Weight, lbs
 2
 2½
 2½
 2¾
 3

 Per dozen
 \$ 16.50
 17.50
 19.00
 20.50
 22.00
 8 Weights do not include handles. One-half dozen in a box.

#### STERLING ENGINEERS'



Sterling. Cast steel. Polished. Wedge pein. 381 383 384 385 386 Nos..... 382 380 Size 0 1 2 3 4 5 6 15/8 2 21/4 31/4 11/8 Weight, 1bs. Per dozen. \$ 12.00 13.00 14.00 15.00 16.00 17.00 19.00 Weights do not include handles. One-half dozen in a box. STERLING RIVETING



 Sterling.
 Cast steel.
 Plain eye.
 Polished.

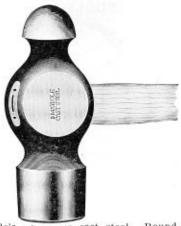
 Nos.
 230
 231
 232
 233
 234

 Size.
 0
 1
 2
 3
 4

 Weight, ounces.
 4
 7
 9
 12
 15

 Per dozen.
 \$ 5.50
 5.75
 6.00
 6.25
 6.50

 Weights do not include handles.
 One-half dozen in a box.



Crucipie cast steel. Round neck. Oil Maydole's. finished, polished ball and face. 775 Nos..... 779½ 779 776 Weight, oz.... 2 Per dozen... \$ 7.50 10 13 9.00 7.50 7.758.00 8.50 774 773 772 771 7701/2 770 Weight, lbs. 1 11/4 Per dozen . \$ 9.50 10.50 21/4 3 14.75 17.50 11.50 13.00 Weights do not include handle. One-third dozen in a box.

MAYDOLE'S B. S. HAND



### MAYDOLE'S RIVETING



 Maydole's Crucible cast steel. Plain eye.

 Nos.
 44
 43
 42½
 42
 41
 40

 Weight
 4 oz.
 7 oz.
 10 oz.
 13 oz.
 1 lb. 2 oz.
 1 lb. 8 oz.

 Per dozen
 \$ 5.00
 5.25
 5.50
 6.00
 7.25
 8.50

 Nos.
 269
 268
 267
 266

 Weight
 1 oz.
 2 oz.
 3 oz.
 4 oz.

 Per dozen
 \$ 4.50
 4.65
 4.80
 5.00

 Weights do not include handle.
 One-half dozen in a box.



### BRICK AND PAVING HAMMERS

STERLING PLAIN EYE BRICK



No. 442.—Size 2. Sterling. Cast steel. Plain eye. Full polished. Weight, not including One-half dozen in a bex.

### STERLING ADZE EYE BRICK



No. 442A.—Size 2. Sterling. Cast steel. Adze eye. Full polished. Weight, not including handle, 11/2 pounds..........Per dozen \$ 14.00 One-half dozen in a box.



No. 432A.—Size 2. Sterling. Cast steel. Adze eye. Oil finished. Weight, not including handle, 2 pounds......Per dozen \$ 13.00 One-half dozen in a box.

MAYDOLE ADZE EYE BRICK



No. 562.—Size 2. Maydole. Solid cast steel. Adze eye. Oil finished, polished face. Weight, not including handle, 1% pounds.

Per dozen \$12.00
One-third dozen in a box.

### JACKSON PLAIN EYE BRICK



Jackson. Hand forged from crucible steel, made especially for the purpose. Can be re-dressed. Plain eye. Oil finished.

No. 100.—Weight 2½ lbs. Regular size. Per doz. \$ 16.00 No. 200.—Weight 3½ lbs. Extra heavy size. Per dozen lozen ...... One-half dozen in a box.

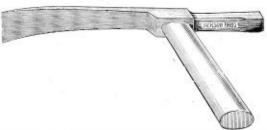
### **IACKSON SKUTCHES**



Jackson. Hand forged from crucible steel, made especially for the purpose. Can be re-dressed. Plain eye. Oil finished.

One-half dozen in a box.

IACKSON PAVING



No. 136.—Jackson. Block stone paving. Crucible cast steel, hand forged. Oil finished. Adze eye. Length of 

### TACK HAMMERS



One dozen in a box.



One dozen in a box.





One dozen in a box.

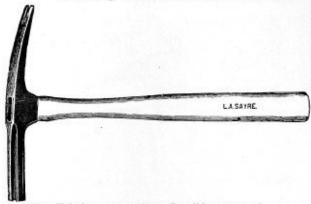


No. 5.—Savage. Head very strong, forming a solid and permanent magnet of horse shoe shape. Tack claw on other end. Highly polished. Ash handle ...........Per dozen \$ 4.00

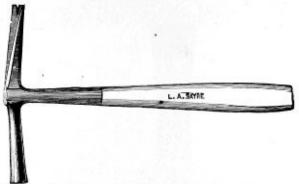
One-half dozen in a box.



No. 125.—Upholsterers' pattern. Cast iron, nickelplated. Adze eye. Hickory handle, 11 inches long. Extra finish....Per dozen \$ 2.50



One dozen in a box.

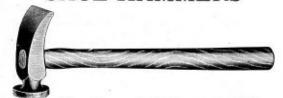


No. 65.—Genuine upholsterer. Solid cast steel head. Strapped handle.......Per dozen \$ 9.00 One-half dozen in a box.

Bill Posters' Horse Shoe Magnet Hammer. Drop forged hammer head and handle trimmings nickel-plated. Especially adapted for tacking up cards and posters. No. 502.—5-ounce head; 36-inch jointed handle



### SHOE HAMMERS



Cast iron, Japanned. Polished face. Weight 

One-half dozen in a box.



No. 5. Acme. Polished head, face and poll. Ja-

One-half dozen in a box.



Sterling. Cast steel. Weight 1 pound. Full polished, selected handle ...... Per dozen \$ 7.50 One-half dozen in a box.

### LADIES' HAMMERS



-Cast iron. Adze eye. Nickel-plated. Weight Varnished hardwood handle. 6 ounces. 

One dozen in a box.

### TACK PULLERS



Giant .- Best hard rolled steel. Pulls tacks straight so they can be used again. Natural varnished wood handle ...... Per dozen \$ .90

One dozen in a box.

### TACK CLAWS



Queen .- Cast iron handle. Aluminum finish. Fitted with patent re-inforced claw. Full nickel-plated ......Per dozen.\$ .80

One dozen in a display box.



Sterling.-Steel claw and shank. Mahogany stained handle. Patent fulcrum and re-in-Full nickel-plated. forced blade. Per dozen ...... \$ 1.50

One dozen in a display box.



Star.-Full nickel-plated, hand buffed. Patented fulcrum, reinforced blade. Black rubberoid handle. Combination carpet and matting or double pointed tack claw ..... Per dozen \$ 1.50

One dozen in a display box.



No. 146 .- Square cast steel, 1/4-inch blade. Blued finish. Plated ferrule. Rosewood fin-

One dòzen in a box.



No. 46 .- Cast steel. Flat polished steel blade. Nickel-plated ferrule. Riveted tang. Black wood handle ........... Per dozen \$ 1.60

One dozen in a box.



No. 150.—Cast tool steel. Polished ferrule. Narrow pointed blade for carpet or matting tacks. Rosewood finished handle. Per dozen ......\$ 3.00

One dozen in a display box.

### SLEDGES

#### STRIKING



Solid cast steel. Oil finished. Polished face.

### STONE



Solid cast steel. Oil finished. Flat face. No. 66.—5, 6, 7, 8, 10, 12, 14, 16, 18, 20, 22 and 24 lbs.

#### WOOD CHOPPERS' MAULS

Per pound ..... \$ .30



Solid cast steel. Axe eye. Oil finished.

No. 122.—5. 6. 7. 8. 9. 10 and 12 lbs..... Per pound \$ .36 Solid cast steel. Axe eye. Oil finished. Star brand.

No. 222.—5, 6, 7, 8, 9, 10 and 12 lbs.......Per pound .36

Solid cast steel. Axe eye. Oil finished. Horse shoc brand.

No. 322.—5. 6. 7. 8. 9. 10 and 12 fbs......Per pound .36

### WOOD CHOPPERS' MAULS



Solid cast steel. Round eye. Oil finished.

No. 121.-5, 6, 7, 8, 9, 10 and 12 lbs....Per pound \$ .36

Solid cast steel. Round eye. Oil finished. Star brand.

No. 221.—5, 6, 7, 8, 9, 10 and 12 lbs.....Per pound ...

Solid cast steel. Round eye. Oil finished. Horse shoe brand.

No. 321.—5, 6, 7, 8, 9, 10 and 12 lbs,..... Per pound .36

#### REGULAR BLACKSMITHS'



Solid cast steel. Oil finished. Polished face.

No. 100.—4, and 4½ lbs. Per pound \$ 40 5, 6, 7, 8, 9, 10, 12, 14, 16, 18, 20, 22 and 24 lbs. Per pound .30

### DOUBLE-FACED BLACKSMITHS'



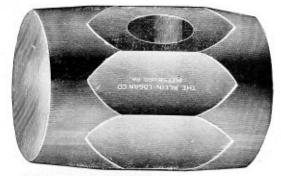
Solid cast steel. Oil finished. Polished faces.

#### BLACKSMITHS' HAND HAMMER



Solid cast steel. Oil finished. Polished face.

#### TURNING



Solid cast steel. Oil finished. Octagon pattern. No. 105.—6, 7, 8, 9 and 10 lbs.............Per pound \$

Sledges over 24 lbs. and up to 39 lbs. inclusive add 3 cents net per lb. to current prices for same pattern in 5 to 24 lbs.



### SLEDGES AND HAMMERS

#### REGULAR COAL



Solid cast steel. Oil finished. Polished faces.

### RAILROAD MAULS



Solid cast steel. Oil finished. Standard pattern.

### GERBER COAL



Solid cast steel. Extra quality. Polished faces.

No. 215.-5, 51/2, 6, 61/2, 7, 71/2, 8 and 9 lbs...Per lb. \$ .44

#### BOAT MAULS



Solid cast steel. Oil finished. Polished ends.

#### NAPPING HAMMERS



Solid cast steel. Oil finished.

### MASONS' HAMMERS



Solid cast steel. Sterling grade, maroon finish. Polished ends.

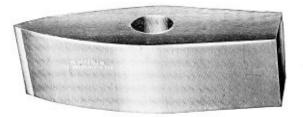
One in a box.

### STONE CUTTERS' HAMMERS



Solid cast steel. Oil finished. Polished faces.

#### SPALLING HAMMERS



Solid cast steel. Oil finished.

Double faced at same price.

Sledges over 24 lbs. and up to 39 lbs. inclusive, add 3 cents net per lb. to current prices for same pattern in 5 to 24 lbs.

### CUTTING CHISELS

BLACKSMITHS' COLD



Solid cast steel, Oil finished,

No. 246.—1½, 2, 2½, 3, 3½ and 4 lbs...... Per lb. \$ .30

### BLACKSMITHS' HOT



Solid cast steel. Oil finished.

#### TRACK



Solid cast steel. Oil finished. Round cutter.

No. 250.—Standard weight, 4% lbs..........Per lb. \$ .30

### **PUNCHES**

### TRACK



Solid cast steel. Oil finished. Square punch.

No. 255.—Standard weight, 4% lbs....... Per lb. 8 .30

Round point, if desired, at same price.

### BLACKSMITHS' SQUARE



Solid cast steel. Oi! finished.

When ordering give size of point wanted.

#### BLACKSMITHS' ROUND



Solid cast steel. Oil finished.

When ordering give size of point wanted.

### WEDGES REGULAR COAL



No. 170.—1 $\frac{1}{2}$ , 2, 2 $\frac{1}{4}$ , 2 $\frac{1}{2}$ , 2 $\frac{3}{4}$ , 3, 3 $\frac{1}{2}$  and 4 lbs. Per lb.

#### GERBER COAL



#### STANDARD WOOD



Made from 3 to 10 lbs.

TRUCKEE WOOD

No. 137.—Truckee pattern. Oil finished. Assorted

No. 237.—Truckee pattern. Star grade, extra quality. Oil finished. Assorted 4 to 5 lbs., one dozen in a case.

# Made from 3 to 10 lbs. STONE



#### SAW





### COAL PICKS

#### STERLING STRAIGHT



Cast steel. Maroon finish. Polished and blued tool steel points.

### STERLING ANCHORED



Cast steel. Maroon finish. Polished and blued tool steel points.

No. 200.—Weight, lbs. 2 2½ 2½ 2¾ 3

Per dozen \$8.00 8.00 8.00 8.00 8.00

Weight, lbs. 3¼ 3½ 4 4½ 5

Per dozen \$8.50 8.50 9.00 9.50 10.00

Each pick labeled Sterling, one in a carton; three dozen in a case.

#### STERLING CLEARFIELD



Cast steel. Maroon finish. Polished and blued tool steel points.

No. 020.—Weight, lbs..... 1½ 1¾ 2 2½ 2½

Per dozen ..... \$ 8.00 8.00 8.00 8.00 8.00

Wt., lbs. 2¾ 3 3½ 4 4½ 5

Per doz. \$ 8.00 8.00 8.50 9.00 9.50 10.00

Each pick labeled Sterling, one in a carton; three dozen in a case.

#### ORION STRAIGHT



Cast steel. Oil finished.

No. 15.—Wt., lbs... 1½ 2 2 ½ 2½ 2¾ 3

Per doz. \$ 6.00 6.00 6.00 6.00 6.30 6.30

Weight, lbs... 3¼ 3½ 4 4½ 5

Per dozen.... \$6.60 6.60 7.00 7.50 8.00

Three dozen in a case.

### ORION ANCHORED



Cast steel. Oil finished.

No. 150.—Weight, lbs... 2 2½ 2½ 2¾ 3
Per dozen \$ 6.00 6.00 6.00 6.30 6.30
Weight, lbs. 3¼ 3½ 4 4½ 5
Per dozen \$ 6.60 6.60 7.00 7.50 8.90

Three dozen in a case.

#### **FULTON STRAIGHT**



Cast steel. Oil finished.

No. 35.—Weight, Ibs. 2 2½ 2½ 2¾ 3

Per dozen. \$ 6.50 6.50 6.50 6.75 6.75

Weight, Ibs. . . . 3½ 4 4½ 5

Per dozen . . . \$ 7.00 7.50 8.00 8.50

5 Ib., two dozen in a case; other sizes three dozen.

#### FULTON ANCHORED



Cast steel. Oil finished.

#### FULTON CLEARFIELD



Cast steel. Oil finished.

No. 035.—Weight, Ibs.... 1½ 1¾ 2 2¼ 2½
Per dozen .... \$ 6.50 6.50 6.50 6.50
Wt., Ibs. 2¾ 3 3½ 4 4½ 5
Per doz. \$ 6.75 6.75 7.00 7.50 8.00 8.50
Three dozen in a case.

### GERBER STRAIGHT



Cast steel. Extra quality.

No. 45.—Weight, lbs. . 2  $2\frac{1}{4}$   $2\frac{1}{2}$   $2\frac{3}{4}$  2 Per dozen . \$ 9.00 9.50 10.00 10.50 11.00 Weight lbs. . . .  $3\frac{1}{2}$  4  $4\frac{1}{2}$  5 Per dozen . . . \$ 11.50 12.00 12.50 13.00 One dozen in a bundle.

#### COAL PICK EYES



Oil finished. Drawn ready for the steel.

One dozen in a bundle.



### **PICKS**

### RAILROAD



	Sterling.	Adze eye.	Maroon finish.	Polished ends.
--	-----------	-----------	----------------	----------------

No. 35.—Pounds		5 to 6	6 to 7	7 to 8	8 to 9	9 to 10
Per dozen		14.00	15.00	16.00	18.00	20.00
No. 35.—Straight weights	5	6	7	8	9	10
	13-50	14.50	15.50	17.00	19.00	21-00

Two dozen in a case.

### SQUARE POINT CONTRACTORS'



Adze eye. Best Tool Steel Points. Oil finished.

No. 42.—Pounds 6  $6\frac{1}{2}$  7  $7\frac{1}{2}$  8  $8\frac{1}{2}$  9  $9\frac{1}{2}$  10 Per dozen 8 17.50 18.00 18.50 19.00 19.50 20.50 21.50 22.50 23.50

Round point furnished at same price. Two dozen in a case.

### TAMPING



Solid cast steel. Adze eye. Oil finished.

No. 38.—Pounds 6to 7 7to 8 8to 9 6 7 8 9
Per dozen \$18.00 19.00 20.00 18.00 18.50 19.50 21.00

Two dozen in a case.

### ORE



Adze eye. Oil finished.

Two dozen in a case.

#### STONE



Solid cast steel. Plain eye. Oil finished,

No. 50.—Pounds 5 to 6 6 to 7 7 to 8 8 to 9 9 to 10
Per dozen \$16.50 17.50 18.50 19.50 21.00

Two dozen in a case.



### **MATTOCKS**

NARROW PATTERN, LONG CUTTER



Sterling. Adze eye. Maroon finish. Polished cutter and hoe.

No. 105.—Weight 5 lbs. Cutter 5¾ inches long. Hoe 8¼ inches long; 2½, 3, 3½, 4 or assorted 3 to 3½ inches wide wide
-Weight 6 lbs. Cutter 6 inches long. Hoe 81/2 inches long; 21/2, 3, 31/2, 4 or assorted 3 to 31/2 inches .....Per dozen \$ 16.00 Two dozen in a case. wide .....

### ASPHALT, REGULAR EYE



Adze eye, regular. Oil finished. Extra quality. 

#### ASPHALT, DOUBLE EYE



Adze eye, double. Oil finished. Extra quality. No. 16.-Weight 10 lbs. Cutter, 8x3 inches..... Two dozen in a case.

### PICK MATTOCKS



Two dozen in a case.

#### GRUB HOES



Sterling. Adze eye. Maroon finish. Polished hoe. 0 3 1 2

Size, inches......  $10\frac{1}{2}x3\frac{1}{2}$   $10\frac{3}{4}x3\frac{3}{4}$   $11\frac{1}{4}x4$   $11\frac{1}{2}x4\frac{1}{4}$ 31/2 Weight, fbs..... 41/2 3 4 13.50 14.00 Per dozen ..... \$ 12.50 13.00

Two dozen in a case.





Sterling. Round adze eye. Maroon finish. Polished hoe.

No. 22.—Weight 3 lbs. Length 10 inches, width 6 inches Per dozen \$ 16.00 Two dozen in a case.

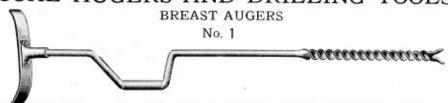
### STEEL BARS

PINCH POINT, CROW.

PINCH POINT, CROW.			
No. 175.—10, 12, 14, 16, 18, 20, 22, 24, 30, 35, 40 pounds, No. 175.—41 to 50 pounds, No. 175.—51 to 75 pounds, No. 175.—76 to 100 pounds.  WEDGE POINT, CROW	46	*	.06 .08 .10 .12
THE KUESM-LOSAN CO			
No. 176.—10, 12, 14, 16, 18, 20, 22, 24, 30, 35, 40 pounds.  No. 176.—41 and 50 pounds.  No. 176.—51 to 75 pounds.  No. 176.—76 to 100 pounds.  MINERS' PINCH OR SLATE		8	.06 .08 .10 .12
THE RESIDENCE OF THE PARTY OF T	•		
No. 196.—Length 4 feet 9 inches. Weight 16 pounds. Angle point	Each	\$ 1	1.20
No. 65.—Length 4 feet, 6 inches. Weight about 15 lbs. Octagon body. Angle and sharp points  POINTED SLATE	Each	\$ 1	1.50
Nos. 1-inch octagon steel. Wedge point one end. Sharp point other end.  Length, feet 214 Each \$1.10  ROUND POINT LINING	214½ 4½ 1.20		215 5 1.40
No. 181.—16, 18, 20, 22, 24 pounds		a	
SQUARE POINT LINING	er pound	\$	.07
THE XLE IN-LOGAN CO			
No. 180.—16, 18, 20, 22, 24 pounds	Per pound :	8	.07
No. 200.—Octagon steel. 11/8 inches in diameter, 8 feet long	Per pound	s -	-12
THE KLEIN-LOGAN GO			
No. 206.—Round steel. 11/8 inches in diameter, 5 feet long	er pound	s	-12
No. 185.—14 pounds. 5½ feet long	er pound \$	3	-12
No. 195½.—Length 2½ feet. Weight 6 pounds.  No. 195. —Length 3 feet. Weight 8 pounds.  CLAW, WITH HEEL	Each		20 50
No.190.—28, 30 pounds. Standard weight	er pound	ß	.12
No. 191.—20, 25 pounds	er pound s	ß	.14
No. 600.—3/4-inch octagon tool steel, 30 inches long. Chisel point and claw. Pulls any size nail. I	Handy for		00
"STERUNG BRAND FOR QUALITY STANDS"	Per dozen \$	12.	00



### COAL AUGERS AND DRILLING TOOLS

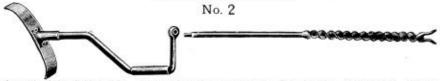


Sweep and auger welded into one piece. Detachable breast plate. Bevel twist, 1½ inches. Cutter, 1¾ to 2 inches.

No. 1.—6 feet. Twist 3 feet. Length overall 7 to 7½ feet. Per dozen \$ 24.00

No. 1.—7 feet. Twist 4 feet. Length overall 8 to 8½ feet ... 25.00

One-half dozen in a bundle.

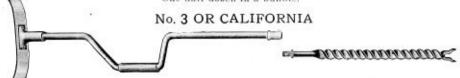


Sweep and breast plate detachable. Auger detaches at sweep. Bevel twist, 1½ inches. Cutter 1¾ to 2 inches.

No. 2.—6 feet. Twist 3 feet. Length overall 7 to 7½ feet. Per dozen \$ 25.00

No. 2.—7 feet. Twist 4 feet. Length overall 8 to 8½ feet. 26.00

One-half dozen in a bundle.



Breast plate, sweep and auger all detachable. Auger and sweep connected by screw coupling. Extra heavy. Bevel twist  $1\frac{1}{2}$ -inches. Cutter  $1\frac{3}{4}$  to 2-inches. No. 3.—6 feet. Twist 3 feet. Length overall 7 to  $7\frac{1}{2}$  feet. Per dozen \$ 24.00 No. 3.—7 feet. Twist 4 feet. Length overall 8 to  $8\frac{1}{3}$  feet. "25.00 No. 3.—8 feet. Twist 6 feet. Length overall 10 to  $10\frac{1}{2}$  feet. "27.00 One-half dozen in a bundle. EXTRA PARTS FOR SAME.

No. 30.—Extra breast plates for Nos. 1, 2, 3 or California Per dozen \$ 6.00

No. 03.—Malleable Couplings for No. 3 or California 3.00

### COAL DRILLS

### MINERS' NEEDLES

No. 230.—Feet \_\_\_\_\_\_\_ 5 5½ 6 7
Per dozen \_\_\_\_\_\_\_ \$ 5.50 5.50 5.50 6.0

### DOUBLE END SCRAPERS

### COMBINED TAMPERS AND SCRAPERS

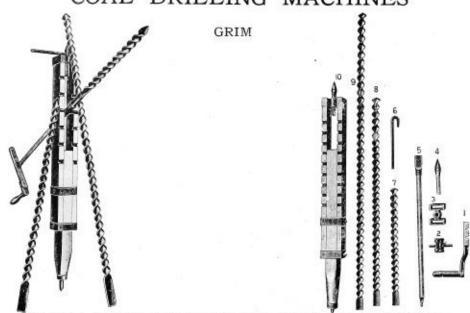
THE RUSIN-LODAN COP

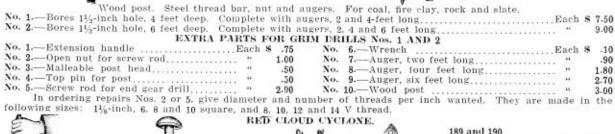
### SINGLE END TAMPERS

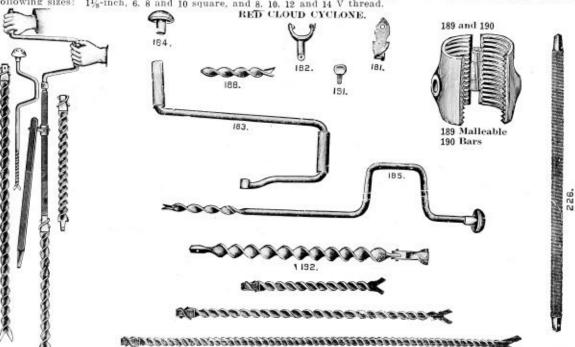
#### BLASTING BARRELS



### COAL DRILLING MACHINES







Red Cloud Cyclone.—Patent spiral auger sockets. Cast steel yokes. Double crank. Simple in construction.

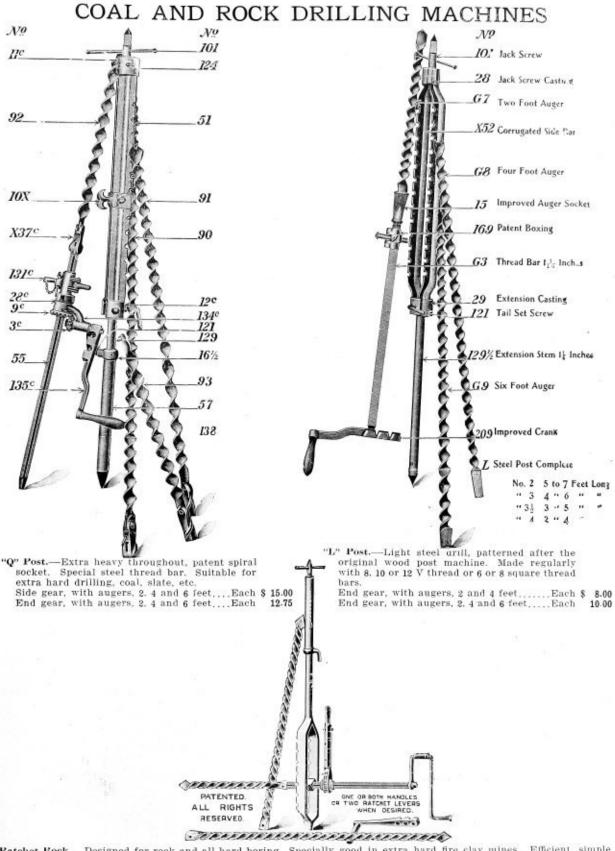
Fast cutting. Complete with 2 and 4-foot drills and extension, drilling a hole 6 feet deep. Each S

	EXTRA I	PARTS FOR RED CLOUD CYC	LONE DRILL	
No. 175. —Grip bar Each No. 176. —2 ft. auger " No. 177. —4 ft. auger " No. 177½.—6 ft. auger " No. 226. —Thread Bar "	1.00	No. 181.—Auger socket, Each No. 182.—Yoke or chair, " No. 183.—Double crank, " No. 184.—Brace Button, " No. 185.—Brace and bit, " No. 188.—Bit for 185 brace "	1.00 No .25 No	. 189.—Boxing Each \$ .75 . 190.—Brass boxing 1.00 . 191.—Set screw 10 . 192.—2 ft. extension 1.15 . 193.—Joint or gear 1.00

In ordering parts 226, 189 or 190, specify thread wanted. Made 8, 10 or 12 threads—10 being regular.

In ordering any drill on this page, specify length of post wanted.



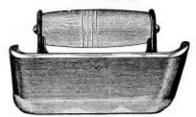


Ratchet Rock.—Designed for rock and all hard boring. Specially good in extra hard fire clay mines. Efficient, simple and strong. With either square edge or bevel edge augers of finest crucible steel designed for the purpose.

No. 424.—4 ft. drill. Augers 2 and 4 ft... Each \$ 22.50 No. 45.—4½ ft. drill. Augers 1½, 3 and 4½ ft. Ea. \$ 25.00 No. 4123.—4 ft. drill. Augers 1, 2 and 3 ft... Each 25.00 No. 66.—6 ft. drill. Augers 2, 4 and 6 ft. Ea. 26.00 In ordering any drill on this page specify length of post wanted.

### CEMENT TOOLS

### EDGERS



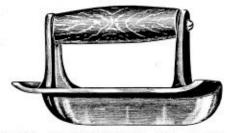
No. 1 .- 6x3 inches. Radius 3/8-inch. Iron nickel-



No. 2 .- 8x21/2 inches. Radius 3/4-inch. Iron nickel-



No. 7 .- 6x11/2 in. Iron nickel-plated . . . . Per dozen \$ 7.20 No. 8.—6x2% in. Iron nickel-plated .... Per dozen 7.20



No. 5½.—6x3 inches. Radius ¾ inch. 1 inch turned edge. Iron nickel-plated. Per doz. \$ 7.80



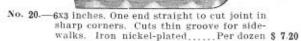
No. 4.—9x3 inches. Radius ¾ inch. ¾ inch turned edge. Iron nickel-plated ..... Per dozen § 12.00

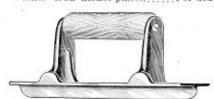
### JOINTERS



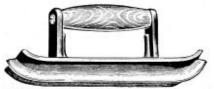
walks, 1/2 inch deep. Iron nickel-plated.	
No. 22A.—6x3 inches. Cuts thin groove. For side-	7.20
walks, 1/8 inch deep. Iron nickel-plated.	10000

Per dozen ..... 7.20





No. 24 .- 73/4x2 inches. Cuts thin groove for sidewalks, 3/8 inch deep. Iron nickel-plated. Per dozen , ..... \$ 7.20



No. 25 .- 9x3 inches. Cuts thin groove, 1/2 inch deep for sidewalks. Iron nickel-plated. Per dozen ...



No. 27.—9x3 inches. Cuts heavy groove, 3/4 inch deep, for sidewalk. Iron nickel-plated. Per dozen ..... ..... \$ 10.20



Cuts thin groove, % inch No. 28.-6x43/4 inches. deep. Iron nickel-plated ..... Per dozen \$ 9.00

All above tools made from chilled iron, highly polished and nickel-plated. Made to stand rough usage One-sixth dozen in a box.

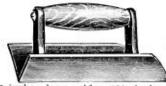


# BEVEL EDGER CEMENT TOOLS



No. 6B .- 6x234 inches. 1/2 inch bevel. Iron nickelplated .. Per dozen \$ 7.20

## CORNER TOOL



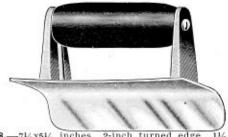
No. 311/2 .--6 inches long, sides 11/2 inches high. Iron nickel-plated ...... .... Per dozen. \$ 7.20

## COMBINATION EDGER



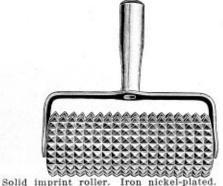
No. 10A .- 7x21/4 inches. 1 inch radius. 1ron nickelplated . .. Per dozen \$ 15.00

## CURB EDGER



No. 38 -- 71/2x51/2 inches, 2-inch turned edge. inch radius. Iron nickel-plated. Per doz. \$ 12.00

# INDENTATION ROLLER



3½ inches. Dots ½ inch apart. With 15-inch wood handle. No. 604.—4 inches long Each \$ 4.00 5.00 No. 606.—6 inches long ......

6.00 No. 608 .- 8 inches long



No. 46 .nickel-plated. For making raised pointing or beading. ½, ½ or ½ inch. In ordering specify size wanted...Per dozen \$ 6.00

## CONCAVE BEADING TOOL



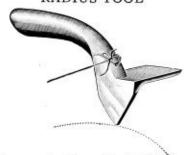
No. 47.—Concave half-round beading tool. 

## CONVEX BEADING TOOL



No. 48 .- Convex half-round beading tool. 

## RADIUS TOOL



No. 421/2.- Improved pattern. For finishing curves or circles. Iron nickel-plated. Per doz.,\$ 6.00

## TAMPER

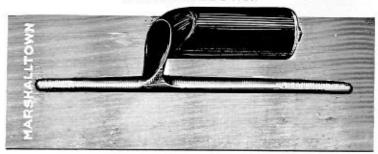


Cast iron. Maple handles, 4 It. long, 3 in. in diameter. No. 66.—6x6 inches Per dozen \$ 15.60 No. 88.—8x8 inches "16.80

All above tools made from chilled iron, highly polished and nickel-plated. Made to stand rough usage.

STERUNG BRAND FOR QUALITY STANDS

# PLASTERING TROWELS

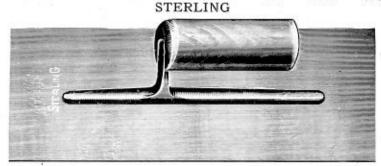


Crucible spring steel, 23 gauge. Full polished, specially ground and tempered. The mountings are hardened, are full polished and extend within  $\frac{1}{4}$  of an inch of each end of blade, giving plenty of spring for finishing. Ten rivets fastening the blade to the mounting prevents the lime from working between. Black enameled handle.

Marshalltown:—Nos.

1F 2F 3F 4F 5F 6F

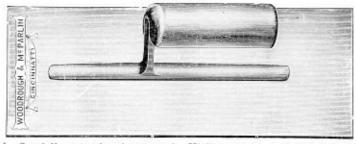
Length, inches Width, inches 111/2 11 111/2 11 12 111/2 41/2 5 43/4 Per dozen..... \$ 30.00 30.00 30.00 30.00 30.00 30.00



Sterling. Cincinnati pattern. Made of 22 gauge crucible spring steel. Long mountings, blades and mountings full polished. Five rivets. Hardwood varnished handle.

111/2 Width, inches .... 43/4 16.50 5 \$ 13.50 Per dozen ..... 18-00

## CINCINNATI



Cast Steel. Polished. Specially ground and tempered. High mounted. Poplar handles, varnished. Cincinnati.—Length, inches ..... 10 101/2 11 111/2 12 Width, inches ..... 41/2 45/8 13.00 4 13-16 Per dozen 12.50 ......\$ 12.50 13.50 14.00 DISSTON No. 1 ORION



Extra No. 1 crucible steel. Accurately ground. Handles fastened by an improved method.

Disston No. 1.—Length, in. .... 10 101/2 Width, in. 4½ 4½ 4½ 4½ 5
Per dozen \$ 13.75 13.75 15.25 16.75 18.50

Orion. Made from 22 gauge spring steel blade. Four rivets. High mountings, plain hardwood handle. A well finished and thoroughly good trowel.

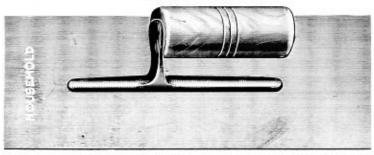
Orion No. 600.—Length, in.... 10½ 11 Per dozen.... \$ 9.00 9.00 Disston and Orion, one-half dozen; Balance, one-third dozen in a box.

"STERUNG BRAND FOR QUALITY STANDS"



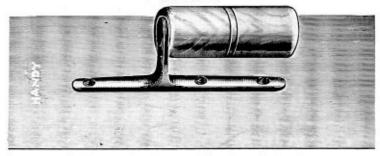
# PLASTERING TROWELS AND HAUCKS

HOUSEHOLD

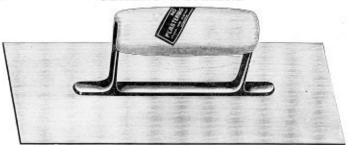


No. 501.—Polished steel blade, 11 inches long and 4½ inches wide. Malleable mounting, concealed rivets. Hardwood handle. Blade securely fastened to mounting by 3 rivets. A good trowel for general use. Per doz. \$ 6.00 One-half dozen in a box.

## HANDY



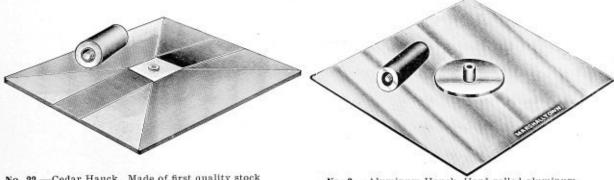
## CEMENT WORKERS'



## CEDAR HAUCKS One

One-half dozen in a box.

## ALUMINUM HAUCKS



No. 22.—Cedar Hauck. Made of first quality stock with dove-tailed cross piece and detachable handle. Size 13½x13½ inches. Handle 5 inches in length...Per dozen \$ 12.00 One-third dozen in a box.

"STERUNG BRAND FOR QUALITY STANDS"



9.00





Sterling. Philadelphia pattern. Best quality crucible trowel steel. Taper ground, full polished and etched. Heavy ferrule. French polish, maple handle.

Sterling No. 1000.—Inches 10 10½ 11 11½ 12
Per dozen \$13.25 13.75 14.25 14.75 15.25

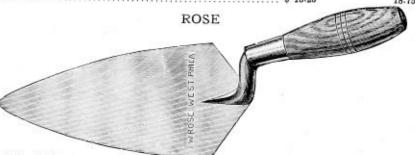
STERLING, LEATHER HANDLE



Sterling. Philadelphia pattern. Highest grade crucible trowel steel. Extra thin, taper ground straight blades. Oil tempered and highly polished and etched. Spring points. Heavy ferrule. Leather handle.

 Sterling No. 1200.—Inches
 10½
 11
 11½

 Per dozen
 \$ 18.25
 18.75
 19.25





Philadelphia pattern. Cast steel. Polished. Heavy ferrule. Hardwood handle.

10 10½ 11 11½ 12

Per dozen \$11.00 11.50 12.00 12.50 13.00

ORION



 Orion. Philadelphia pattern. Tempered cast steel biades. Spring points.
 Heavy ferrule handle.

 Orion No. 60.—Inches
 10
 10½
 11

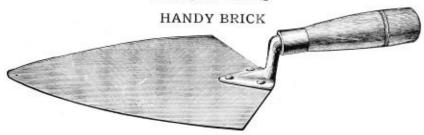
 Per dozen
 \$ 7.50
 8.00
 8.50

 One-half dozen in a box.

STERUNG BRAND FOR QUALITY STANDS



# TROWELS



One dozen in a box.

## COKE



One-half dozen in a box.

## STERLING POINTING

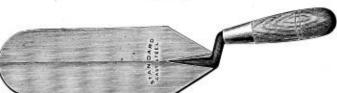


Sterling. Highest grade trowel steel. Blades fullpolished, taper ground and spring points. Solid shank, metal ferrule and hardwood handle.

Sterling No. 200.—Inches 5 5½ 6 Per dozen ......\$ 3.25 3.50 3.75

One-half dozen in a box.

## COKE



No. 90.—Cast steel. Polished straight edge blade with round end, 9 inches in length. Heavy ferrule. Hardwood handle.....Per dozen \$ 9.00

One-half dozen in a box.

## DISSTON POINTING



Cast steel. Polished. Solid shank. Hardwood handle.

Disston No. 15.—Inches., 5 5½ 6

Per dozen ...... \$ 4.75 5.00 5.25

One-half dozen in a bex.

## DISSTON CORNER



## HANDY POINTING



One-half dozen in a box. One dozen in a box.

"STERUNG BRAND FOR QUALITY STANDS"

# STERLING DRAWING KNIVES

RAZOR BLADE



 Sterling. Razor blade. Crucible steel.
 Long bevel, ground sharp. Ebonized handles. Steel caps and ferrules.

 No. 1480.—Inches
 6
 8
 9
 10
 12
 14

 Per dozen
 \$ 13.50
 13.50
 14.40
 15.60
 18.00
 21.00

One-half dozen in a box.

ADJUSTABLE



## FOLDING HANDLE



Sterling. Crucible steel blades. Extra quality and finish. Ebonized handles. Fold up in a small space. The handles are grooved so as to set over the blade and protect the edge. Each handle can be adjusted to four different angles.

 ... Per dozen \$ 24.00

# SPOKE SHAVES

IRON

No. 64.—Bailey's. 9-inch. Japanned. Straight handle. 134-inch cutter....... Per dozen \$ 2.00 One-half dozen in a box.



No. 53.—Bailey's. 10-man. Sayanned. Raised



## WOOD





No. 185.—11-inch. Beechwood handle. Brass plates 3-inch cast steel cutter ......Per dozen \$ 6.00 One-half dozen in a box.



# STERLING CHISELS AND GOUGES

SOCKET FIRMER



## SOCKET FIRMER, BEVELED EDGE



## SOCKET FRAMING



## SOCKET CORNER



## SOCKET FIRMER GOUGES, OUT SIDE BEVEL



## SOCKET FIRMER GOUGES, INSIDE BEVEL



## CARPENTERS' SLICKS



 Sterling.—Oval back crucible steel blades, 9 inches long. Full polished. Hard maple handle.

 Inches
 3
 3½

 Per dozen
 \$ 23.50
 27.50

 Chisels and gouges, one-half dozen; slicks, one-fourth dozen in a wood box.

4 32-00

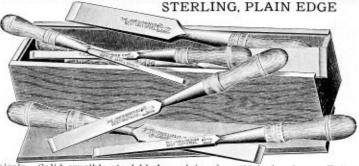
Sterling chisels are highest grade throughout. The blades are ground wide at the cutting edge and tapered back to the socket, thus being easily cleared when mortising. Finished in perfect manner and fitted with selected handles. Every tool warranted.



# STERLING CHISELS IN SETS

STERLING, BEVELED EDGE





## STERLING, PLAIN EDGE



No. 06.—Sterling. 6 chisels. Solid crucible steel blades, plain edge, 6½ inches long. Full polished. Red stained imitation mahogany handles. One chisel, each ½,½, ¾, 1, 1½ and 1½ inches. Packed in varnished hardwood box, hinged cover.

13.25

11.75



# STERLING BUTT CHISELS

SOCKET, PLAIN EDGE



Solid crucible steel blades, plain edge, 31/4 inches long. Full polished. Selected hickory handles.

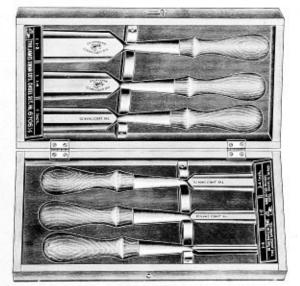
Inches	11			
Inches	7/4	1/2	3/4	1
Per dozen \$	12.50	12.50	14.50	16.50
Inches	11/4	11/2	13/4	2
Per dozen	18.50	20.00	22.00	23.00
One	-half	dozen in a	box	

## SOCKET, BEVELED EDGE



No. 5 .- Sterling. Solid crucible steel blades, socket, 31/4 inches long. Beveled edge, extra quality and finish. Selected hickory and leather capped handles. Large size. One chisel each 1, 11/4, 11/2, 13/4 and 2 inches. Packed in varnished hardwood, dove-tailed hinged cover ...... Per set \$ 12.00

## SOCKET, BEVELED EDGE



No. 6B .- Sterling. Solid crucible steel socket blades 3½ inches long. Beveled edge, extra quality and finish. Red stained imitation ma-hogany handles. One chisel each ¼, ½, ¾, 1, 1¼ and 1½ inches. Packed in varnished hardwood, dove-tailed and hinged cover case. Continuous spring in case holds each chisel firmly in place and relieves the hinges of the strain. Per set .....

TANG, BEVELED EDGE

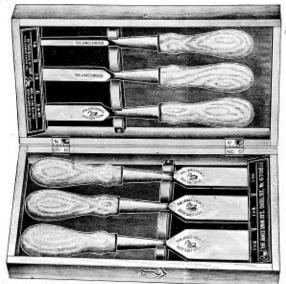


Sterling.—Solid crucible steel tang blades, 21/2 inches long. Beveled edge, extra quality and finish. hickory handles, leather capped. Inches ..... Per dozen ........... \$ 5.50......6,00 7.25 8.75 Inches ..... 1½

TANG, BEVELED EDGE



No. 5T .- Sterling. Solid crucible steel tang blades, 21/2 inches long. Beveled edge, extra quality and finish. Selected hickory handles, leather cap-ped, large size for hand work. One chisel each 1. 1½, 1½, 1¾ and 2 inch. Packed in varnished hardwood dove-tailed hinged cover box Per set \$ 1350 SOCKET, PLAIN EDGE



No. 6 .- Sterling. Solid crucible steel socket blades, 31/2 inches long. Plain edge, extra quality and finish. Hickory handles. One chisel each 1/4. 1/2. 1, 11/4, 11/2, 13/4 and 2-inch. Packed in varnished hardwood dove-tailed hinged cover box. Continuous spring in case holds each firmly in place and relieves the hinge of the strain ... ....Per set \$ 7.00

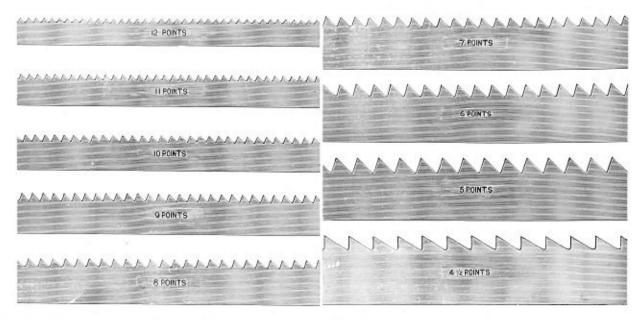
Sterling butt chisels are highest grade throughout. Highly finished and fitted with large handles, designed more particularly for exclusive hand work. Useful where any light work is to be done or where it is desired to get close to the work. Also recommended for manual training and amateurs' use.

\$ 8.00



# HAND SAWS

## CROSS CUT AND RIP TEETH



The above cuts are full size of the respective number of teeth and points per inch which they represent. Orders should always specify the number of points, care being taken to observe that there is one tooth less than there are points in 1 inch space.

Rip saw teeth are graduated from butt to point of blade, the narrow end being one point to the inch finer than at butt; the points being measured at butt of blade.

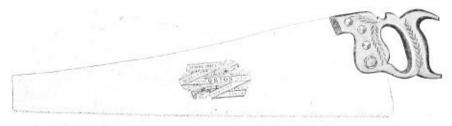








# HAND SAWS



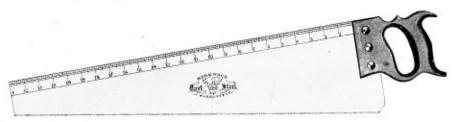
One-third dozen in a box.



One-half dozen in a box.



One-half dozen in a box.



One-half dozen in a box.



One-half dozen in a box.

"STERLING BRAND FOR QUALITY STANDS"



# DISSTON'S HAND SAWS



One-third dozen in a box.



One-third dozen in a box.





No. D100.—26-inch. Disston's. Refined crucible steel. Warranted. Etched blade, highly polished. Skew back.

Carved and polished apple handle. 5 improved brass screws. 7, 8, 9, 10, 11 and 12 points. Per dozen \$ 25.00

One-third dozen in a box.



"STERUNG BRAND FOR QUAUTY STANDS"



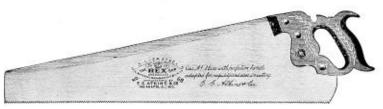
# ATKINS' HAND SAWS



One-third dozen in a box.









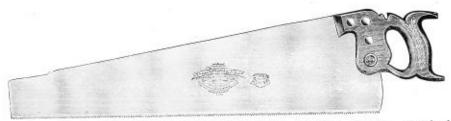
The matchless tooth makes both these saws specially adapted for cross-cutting, mitreing and ripping, --serving all purposes equally well.

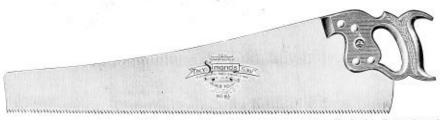
One-third dozen in a box.

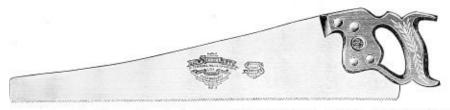
"STERUNG BRAND FOR QUALITY STANDS"



# SIMONDS' HAND SAWS









"STERLING BRAIND FOR QUALITY STAINDS"





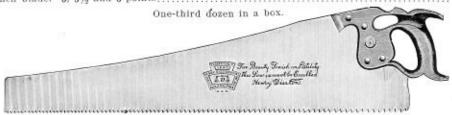


Orion.—26-inch. Cast steel, finely polished. Skew back. Etched blade. Beech handle, cherry finish, polished edge. 4 brass screws. Warranted. 5, 51/2 and 6 points ..... 

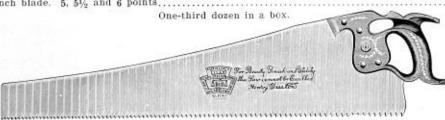




Disston's. Extra refined spring steel. Selected, highly polished and etched blade. Carved and polished apple handle. Warranted. 4 improved brass screws. Extra fine finish. 



Disston's. Refined crucible steel blade. Skew back. Etched blade. Full polished apply handle. 5 brass screws. No. D8-28.—28-inch blade. 5, 51/2 and 6 points.....



Disston's. Refined crucible steel. Skew back. Warranted. Etched blade, highly polished. Carved and polished apple handle. 5 improved brass screws. One-third dozen in a box. No. D100-26.—26-inch blade. 5, 51/2 and 6 points.

No. D100-28.—28-inch blade. 5, 51/2 and 6 points.

SIERUNG BRAND FOR QUALITY STANDS

# PANEL SAWS



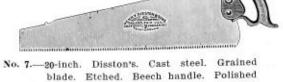
Sterling. Fine crucible steel. Highly polished and etched. Skew back. Polished and carved apple handle. 4 brass screws. 7, 8, 9, 10, 11 and 12 points.

Sterling.—Inches..... 20 Per dozen \$ 13.50

22

24 16.50

One-third dozen in a box.



blade. Etched. Beech handle. Polished edge. 3 improved screws. 6, 7, 8, 9 and 10 points. ...... Per dozen \$ 16.00

One-third dozen in a box.

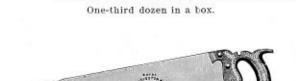


Orion. Cast steel. Etched. Fine polish. Skew back. Beech handle, cherry finish, polished edge. 3 brass screws. 7, 8, 9, 10 and 11 points.

Orion.—Inches..... 20 Per dozen ... \$ 11.25

24 12.00 12.75

One-third dozen in a box.



blade. Skew back. Apple handle. Polished edge. 4 improved screws. 7, 8, 9,

10, 11 and 12 points ......... Per dozen \$ 18.00

No. D8.-20-inch. Disston's. Spring steel. Etched

No. 16 .- 20-inch. Disston's. Spring steel. Warranted. Grained blade. Etched. Carved apple handle. Polished. 3 improved screws. 7, 8, 9, 10, 11 and 12 points. Per dozen ...... \$ 18.00

One-third dozen in a box.



Monarch. Superior quality cast steel. Plain handle, varnished and rubbed. 3 patent screws. 7, 8, 9 and 10 points.

Monarch.—Inches.... 20 Per dozen ... \$9.75

22

24 11.25

One-third dozen in a box.



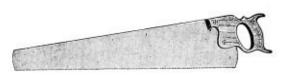
Kirkwood .- 20-inch. Cast steel. Etched, with rule and square. Beech handle, polished edge. 3 oval brass screws. 7, 8, 9 and 

One-half dozen in a box.



Disston's. Refined crucible No. D100.—20-inch. steel blade. Polished and etched. Skew back. Warranted. Carved and polished apple handle. 3 improved brass screws. 7, 8, 9, 10, 11 and 12 points ......Per dozen \$20.00

One-third dozen in a box.



Standard.—20-inch. Cast steel. Spring tempered. Beech handle with 2 screws. Assorted 

One-half dozen in a box.



No. 12.—20-inch. Disston's. Extra spring steel. Selected polished blade. Etched. Apple handle carved and polished. 3 improved screws. 8, 9, 10, 11 and 12 points. Per doz. \$ 23.00

One-third dozen in a box.







No. 120 .- Flooring. 20-inch Richardson. Cast steel. Apple handle, carved and polished. Blade is reversible, interchangeable and adjustable to various positions and is held firmly in place by patent bolt and ratchet. With this saw the mechanic can cut out any particular section of floor, partition or ceiling without chiseling, boring holes, etc .....

# BACK SAWS



Jackson's. Beech handle. Polished edge. Blued back.

No. 1.—Inches, 18 Per dozen, \$ 12.00 14.00 One-third dozen in a box.

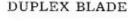
18.00

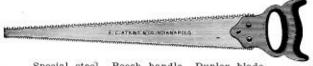


Disston's. Cast steel. Apple handle. Polished edge. Blued back.

Blued back.
No. 4.—Inches...... 12
Per dozen. \$16.00 18.00
One-third dozen in a box. 16 18 20.00 22.00

# PRUNING SAWS





Special steel. Beech handle. Duplex blade. No. 2.-Inches.... Per dozen ..... \$ 8.25 9.00

One-third dozen in a box.

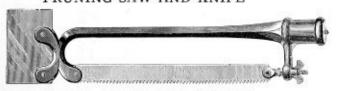
## CALIFORNIA PATTERN



No. 50.—Disston's. California pattern. Crucible steel, curved blade, 14 inches in length 

One-half dozen in a box.

## PRUNING SAW AND KNIFE



No. 20 .- Disston's. Japanned frame. 10-inch cast steel saw. 4-inch knife. Formation of tooth enables the saw to cut both ways. Designed for use on a pole. Per dozen (without pole) ..... \$ 11.00

One-fourth dozen in a box.



Little Giant .--Pruning hook and saw. ible steel. Saw has 12-inch blade and hook will take in branch 3/4-inch in di-ameter. May be used with or without pole.......Per dozen (without pole) \$ 18.00

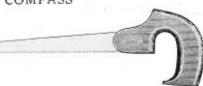
STERUNG BRAND FOR QUALITY STANDS



# SAWS

## NEST OF SAWS

## COMPASS



Cast steel. Polished blade. Beech handle. 16 2.70

One-half dozen in a box.

## ORION



No. 40 .- Orion. Cast steel. Blued and etched blade. 14 inches long. Beech handle, varnished edge. 2 nickeled screws. Per doz. \$ 3.00 One-half dozen in a box.

#### STERLING



No. 7.—Sterling. Cast steel. Polished and etched blade. 14 inches long. Varnished edge handle. 2 brass saw screws....Per dozen \$ 4.50 One-half dozen in a box.

## DISSTONS'



Cast steel. Polished blade. Apple handle. 2 brass saw screws. No. 2.—Inches .... 10 Per dozen.. \$ 4.25 4.50 4.75 5.00 One-half dozen in a box.

## INTERCHANGEABLE



Disston's interchangeable. Polished blade. Detachable handle. No. 4.—Inches, ..... Per dozen ..... \$ 5.00 5.50 One-fourth dozen in a box.

## KEYHOLE



No. 5 .- Disston's. Japanned iron handle. Steel blade. Convenient combination of keyhole saw, saw pad and screw driver. Per dozen ..... \$ 2.00 One dozen in a box.



No. 3.—Cast steel blades. One each, 10-inch key-hole; 14-inch compass; and 16-inch prun-ing. Apple handle with adjusting lever. One-fourth dozen in a box.

# PLUMBERS' NEST OF SAWS

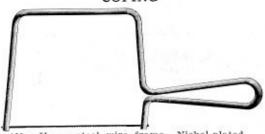


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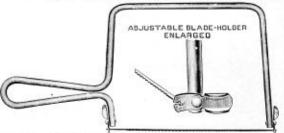


No. 60.-Plumbers' nest. Cast steel blades. One each, 10-inch keyhole; 14-inch compass and 18-inch plumbers'. Apple handle with adjusting lever. The 18-inch plumbå ers' blade specially tempered for the cutting of wood in which nails may be em-One-fourth dozen in a box.

## COPING



No. 100 .- Heavy steel wire frame. Nickel-plated. Adjustable frame. Depth of cut 4 inches. Full size, 6-inch blade and has adjustable holder to cut either horizontal or upright. One dozen blades with each frame ......Per dozen \$ 3.00



No. 400.—Zig-Zag. Heavy steel wire frame, nickel-plated. The blade can be instantly turned to different angles by twisting the blade holders at each end of the frame. One dozen blades with each frame .. Per doz. \$ 4.00 One-half dozen in a box.



# BUTCHER SAWS

## STERLING

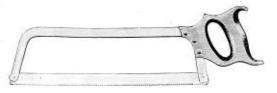


Sterling. Flat steel back. Round edge. 1x1/4-inch. Bright blade, 3/4-inch wide. Beech handle. Polished edge. 20 22 18 24 26 28 Per dozen ..... \$ 13.50 15.00 16.50 14.25 18.00 20.25 22.50

One-third dozen in a box.

# KITCHEN SAWS

## STERLING



Sterling. Flat back 5/8x % inches. Silver steel bright blade, 3/4 inches wide. Heavy beech handle. Three nickeled screws. Extra high grade.

No. 13.—Inches ...... 16 Per dozen ... \$ 6.00 6.75 7.50 8.25

One-half dozen in a box.

## ORION



Orion. Oval back 1/2x1/4 inches. Special steel bright blade 5%-inch wide. Beech handle. Two blued wood screws.

14 16 3.75 Per dozen ..... \$ 3.00 3.38

One-half dozen in a box.

# DEHORNING SAWS

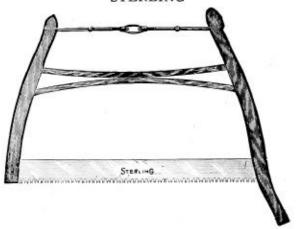


No. 6 .- Japanned. Malleable iron frame. Cast steel blade, 91/2 inches long, 1/4-inch wide. Beech handle ...... Per dozen \$ 9.00

One-half dozen in a box.

# WOOD SAWS

## STERLING



Sterling .- 30-inch cast steel tuttle tooth blade, blued and etched. Wood braced frame, painted red. Clipper rod and turn buckle ......Per dozen \$ 9.00

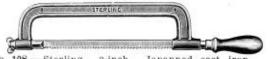
One-half dozen in a box.

ORION

Orion.-30-inch cast steel plain tooth blade, etched. Plain wood frame. Clipper rod and turn 

One-half dozen in a box.

# HACK SAWS







One-sixth dozen in a box.



No. 10.—Millers Falls. Adjustable for 6, 7, 8, 9, 10, 11 or 12-inch blades and marked for the different lengths. Tempered steel, polished and nickeled. Cocobolo handle. Per dozen \$15.75

One-twelfth dozen in a box.





No. 57.—Sterling. For 12-inch blade. Forged steel frame made from stock 1x1/4 inches and designed especially for railroad and structural iron work. Measures 101/4 inches between back and saw points. Per dozen

One-twelfth dozen in a box.

# SAW BLADES

# STERLING STERLING

Sterlin	g.	Natural finish.		
Inches	8	9	10	12
Teeth to inch	. 18	18	14	14
Per dozen \$		.75	-85	1.05
		en in a box.		



## KEYHOLE

# INTERCHANGEABLE COMPASS

WOOD

SINGNES MFS.CO.
WARRANTED SPECIAL CRUCKLE STEEL

## COPING

No. 50.—6 inches long. Turned ends....Per gross \$ 1.20 One gross in a box.

## BRACKET

Stepling Cost steel Polished 3/ inch wide

Sterling. Cast steel. Polished. 34 inch wide.

No. 258.—Inches . . . . . 18 20 22 24 26 28

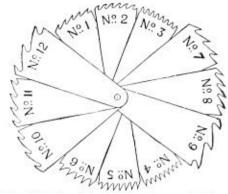
Per dozen . . \$ 4.00 4.25 4.50 4.75 5.00 5.25





# CIRCULAR SAWS





Extra tempered solid tooth circular saws. Set and sharpened. Showing styles of circular saw teeth.

Diameter, Inches	Thickness, Gauge		Each		Extra for Each ad- ditional Gauge (Heavier)	Beveling New saws Per Gauge	Diameter, Inches	Thickness, Gauge		Each	Extra for Each additional Gauge (Heavier)	Beveling New saws Per Gauge	Diameter, Inches	Thickness,	Each	Extra for Each ad- ditional Gauge (Heavier)	Beveling New saws Per Gauge
4	19	8	1	10	\$ 03	80 14	24	11	\$13	00	\$ 55	\$ 90	50	7	\$80 00		3 00
5	19	П	1	30	0-1	16	26	11	15	00	65	1 05	52	7	90 00	5 00	3 25
6	18	1	1	55	05	18	28	10	17	00	80	1 20	54	7	100 00	6 00	3 50
7	18		1	85	06	20	30	10	19	00	90	1 30	56	7	115 00	7 09	3 75
8	18	1	2	20	08	22	32	10	22	00	1 00	1 40	58	7	130 00	8 00	4 05
9	17	18	2	75	10	25	34	9	25	00	1 20	1 55	60	6	145 00	9 00	4 35
0	16		3	30	12	28	36	9	28	00	1 40	1 70	62	6	160 00	10 00	4 65
S	15		4	15	17	35	38	9	31	00	1 75	1 85	64	6	180 00	12 00	5 00
14	15		5	00	21	40	40	9	36	00	2 00	2 00	66	6	200 00	15 00	5 35
16	14	1	6	00	25	50	42	8	42	00	2 50	2 20	68	5	225 00	18 00	5 75
8	13		?	50	30	60	44	8	50	00	3 00	2 40	70	5	255 00	21 00	6 15
09	13		9	00	35	70	46	8	60	00	3 50	2 60	72	5	290 00	24 00	6 55
22	12	1	11	00	45	80	48	8	1 70	00	4 00	2 80		88		1101000000	

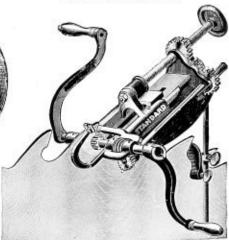
No extra charge or saws one gauge thicker than list. Saws 38 inches and under, beveled one gauge without extra charge. Saws 40 inches and over, beveled two gauges without extra charge. Saws 48 inches in diameter and larger, thinner than ten-guage, add ten per cent for each gauge thinner, and no warrant. Extra charged for putting Saws on boards or in cases.

In ordering circular saws be sure to specify the diameter, the size of the hole and whether rip or cross cut. State Style of tooth wanted, ordering by number, as shown above, or advise kind of work saw is to be used on.

# BAND SAWS

Extra quality. Well finished,

Width, in... 1/8 1/6 1/4 1/6 3/8 1/2 5/8 3/4 7/8 1 11/8 11/4 Per foot... \$ .08 .08 .08 .09 .09 .10 .12 .14 .16 .17 .20 .22 .25 2 21/-3 31/ Width, inches, ..... 11/2 13/4 2.05 Per foot .....\$ .28 .40 .65 .85 1.05 1.25 1.45 1.65 1.85 7 9 10 11 12 13



SAW GUMMERS

Standard.—Automatic changeable self feed. Easily adjusted and works quickly. Rubber spring saves cutters. Complete with three arbors, two cranks and wrench, with four solid cutters, and one cutter grinder....Each \$ 20.00

Complete with three arbors, two cranks and wrench, with two inserted tooth cutters and fifty (50) teeth... Each 2

"STERUNG BRAND FOR QUALITY STANDS



# CROSS CUT SAWS

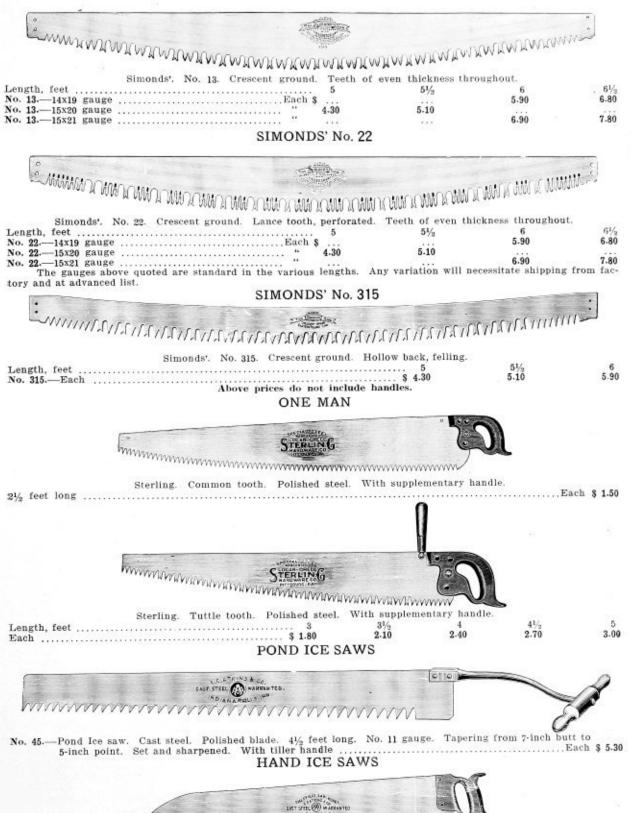
# STERLING NARROW

0		1000年年度	0
	WIWIWI	MANAAA	
Sterling. Polished steel. Tuttle tooth. Hollow back.	31/4 inches wide.		
ength, feet 5 5½ ach \$ 1.40 1.54	6 1.68	6½ 1.82	1.9
ATKINS' NARROW			
		10.00	9
TUTTLE TOOTH  ECATIONS & CO. INDIANAPOLIS-IND.  TOTTLE TOOTH  TOTTLE TOO	withhim	MANIANA	
Atkins'. High grade special steel. Tuttle tooth. Hollow			
ngth, feet 5 5½ ch \$1.50 1.65	6 1.80	6½ 1.95	2.1
ATKINS' COMMON TOOTH			
	6		
WARRANTED BALLOSTSTEEL	主言事主法	200	
washing lossester.	MAMMAM	MANA	•
Atkins'. Common tooth. Polished special steel. Thin			
gth, feet	5 2.60	5½ 2.86	3 1
ATKINS' TUTTLE TOOTH	2.00	2-00	0.1
ATKINS TOTTLE TOOTH			
CGARM HARACO CHIENEST WITE ORIGINAL CONTROL		南京皇皇	0
CASTITUL (A) WARRANTS		mmmm	لمست
	MIMINA		
Atkins'. Special steel. Thin back. 14x18 gauge. D	51/2	6	61
eh	2.86	3.12	3-3
DISSTON'S CHAMPION No.	Marian de servicio de servicio de la constante	O III Branco Maria	
ANT STEEL MARRANTED	海姆贝斯特拉巴特斯州林斯	0.0000000000000000000000000000000000000	M
WALL OF COLUMN STATE OF COLUMN	2222	amm	(I 400)
Disstons'. Champion No. 2. Cast steel. Polished. Tooth edge	MMMMM MM.	16 991190	
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	5½ 3.30	6 3.60	6 <sup>1</sup> , 3.9
ATKINS' REX	5.55	3.00	3.0
Eymmon		200 a 0 000	em
E MANANTANTANTANTANTANTANTANTANTANTANTANTAN	MENTANTANTAN	UNITED HARMIN	
tins'. Silver steel, segment ground. 14 gauge on tooth edge; 16 gauge at	ends on back ed	ige: 19 gauge	at cente
on back edge.	51/2	6	61
ch	4.80	5.60	6.4
ATKINS' PERFECTION	26		
FOWEH CROOKO			
		Waneson	
TWO UNION THAN THE TAXABLE BETT OF THE TAXABLE BIRD TO THE BIRD TH	TATE CONTINUATION OF A	MM W AAAA	
kins'. Silver steel. Perfection tooth. Segment ground. 14 gauge on toot			
19 gauge at center on back edge.  agth, feet		51/2	
°h		\$ 4.50	5.
Above prices do not include handles.  Sterung Brand for Quality Stay			



# CROSS CUT SAWS

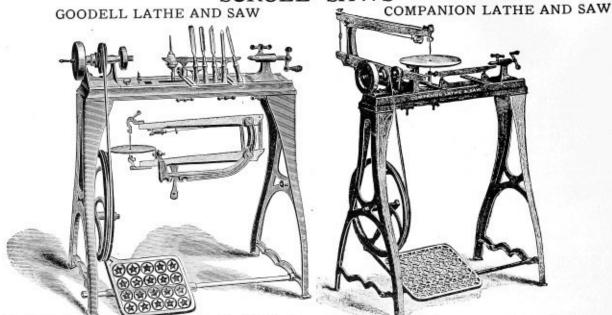
SIMONDS' No. 13



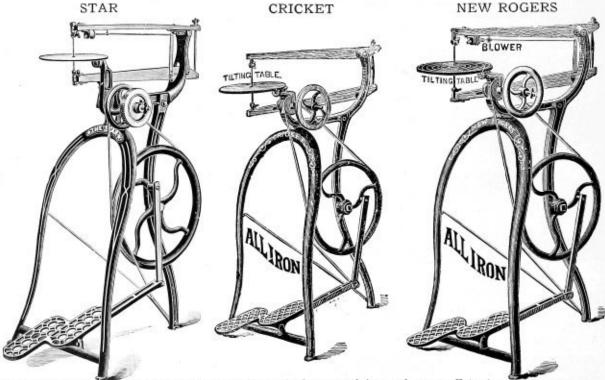
No. 26.—Hand ice saw. 26 inches long. Set and sharpened. Japanned iron handle. For wagon use. Per dozen \$ 21.00 "SIERUNG BRAND FOR QUALITY STANDS"



SCROLL SAWS



Goodell Lathe and Saw. -Polished parts nickel-plated. Large driving wheel with two grooves, giving change of speed. Lathe head provided with a 2-inch face plate, a spur center, a screw center for turning cups and a chuck to hold from 0 to \(\frac{1}{4}\)-inch round twist drills. Emery wheel 4\(\frac{1}{2}\)-x\(\frac{1}{8}\) in. Height to lathe bed 27\(\frac{1}{2}\) in.; over all 35\(\frac{3}{4}\) in. Swing of lathe, 5 in.; length of bed 24 in.; distance between centers, 13\(\frac{1}{2}\) inches. Complete with lathe, lathe tools, 5 turning tools, scroll saw attachment, wrench, drill points, etc. \_\_\_\_\_\_\_\_\_ Each \(\frac{1}{2}\) 17-25



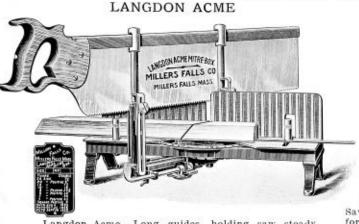
Star.—Japanned frame. Nickeled table. Two balance wheels, one each iron and emery. Extra heavy and perfect adjustment of arms. Emery wheel is fastened by adjustable clamps, which can also be used 

Cricket.—Japanned frame. Iron tilting table. 18-inch ash arms. Improved clamps, etc. Height 291/2 inches Each \$ 3.75 New Rogers .- Japanned iron frame. Steel arbors. Arms and pitman of selected ash. Provided with dust blower, 12 saw blades, wrench, sheet of designs and 3 drill points. Height 31% inches.

No. 1.—New Roger's saw, complete as above..... No. 2.—New Roger's saw, with emery balance and nickeled tilting table....... Each \$ 6.00 One in a case.



# MITRE BOXES

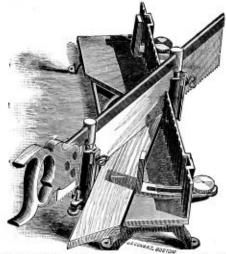


Langdon Acme. Long guides, holding saw steady when drawn up to its highest capacity. Quick adjustment of extension lever. Length gauge for duplicate lengths. Metallic index plate, with degrees marked thereon. Polished parts nickel-plated. Capacity at right angles 101/4 inches; capacity at mitre 7 inches.

No. 72.—Complete with saw, 24x4 inches.... Each \$ 11.50

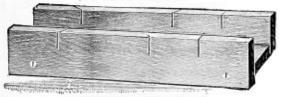
Saws measured extreme length of blade. For convenience of operator corner under handle is clipped off.

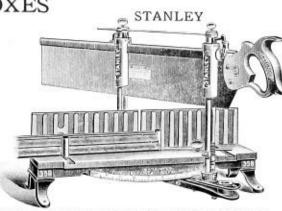
## NEW LANGDON IMPROVED



Saws measured extreme length of blade. For convenience of operator corner under handle is clipped off.

## HARDWOOD

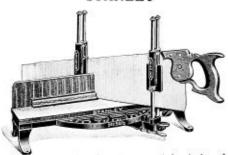




Stanley. Swivel is automatically locked at any angle. Saw is held above work when not in use. Stock guides for holding work in place. One-piece frame with detachable malleable iron legs. One in a box.

No. 244.—Complete with saw, 24x4 inches... Each \$ 11.00 No. 246.—Complete with saw, 26x4 inches... " 11.25 No. 358.—Complete with saw, 28x5 inches... " 13.00 Saws measured extreme length of blade. For convenience of operator corner under handle is clipped off.

## STANLEY



## PERFECTION

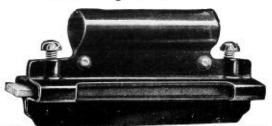


#### STEARNS'



Stearns.—Japanned frame. Takes hand or panel saw. Can be used anywhere...... Each \$ 3.00 One in a box.

# SAW JOINTERS



Pike's.-Perfect saw jointer. Wrought steel. Japanned finish. 41/2 inches long. Complete with short file. Joints any straight edge perfectly true. Specially adapted for hand saws, narrow band saws, etc. Before attempting to re-set or sharpen a saw the teeth should be jointed (or made even) and this tool facilitates the work and insures evenness. Works equally well as a skate sharpener. Per dozen \$ 7.00 One in a carton; one-half dozen in a box.

# SAW SWAGES

## CONQUERER



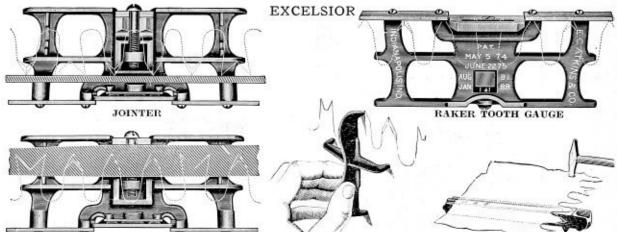
No. 1.—For large circular saws..................Each \$ 2.75

No. 2 .- For small circular and mill saws, not heavier than 10 gauge......Each

No. 3 .- For small circular and narrow band saws, not heavier than 15 gauge ..... Each

One in a box.

# SAW TOOLS



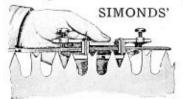
SIDE FILE

No. 2 Excelsior.—Comprises a combined jointer, raker tooth gauge and side file, a set block and set gauge.

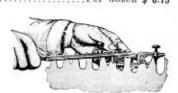
Per dozen \$ 6.75



Frame



Used as a jointer



Used as a raker tooth gauge.





Tooth set gauge.



Hammer used as spring set



Hammer used for swaging.

No. 340 .- Simonds'. Malleable iron, natural finish frame. Hardened iron, aluminum finish setting block and ......Per dozen sets \$11.25

One-sixth dozen in a box.



## SAW SETS

## ORION



No. 51.—Orion. Polished. 7 inches in length. For hand saws of all sizes. Anvil, plunger and spring of tempered tool steel. Milled fittings. One-half dozen in a box. Per doz. 8 6.00



No. 115.—Sterling, 6½ inches in length, Gun metal finish, with heavy nickeled trimmings. Hardened anvil and plunger, tempered steel springs. For hand, band and jig saws from the widest made down to ½ inch. One-half dozen in a box. Per dozen \$ 9.00

## MORRILL'S PATENT



No. 01.—Polished. 6¾ inches in length. For hand band and jig saws of any width, Per doz. \$ 9.00 One-half dozen in a box.





No. 950.—Special. Polished. 6% inches in length.
For hand saws of all widths. Enclosed
plunger and dirt and dust-proof body.
Most improved set on the market.
One-half dozen in a box.....Per dozen \$ 13.50



## HOLT'S



## TAINTOR'S



## MORRILL PATENT CROSS CUT



## WHITING'S PATTERN



No. 20.—Polished. 3½ inches in length. Drop forged tool steel. Properly tempered and accurately fitted. For cross cut saws only. One-twelfth dozen in a box...Per dozen \$ 7.50

## AIKEN'S PATTERN





# SAW VISES OR CLAMPS







No. 100

No. 151 .- Wentworth improved pattern. Japanned, polished face. Rubber cushioned jaws, 11 inches in width.

No. 153.—Wentworth improved pattern. Japanned, polished face. Rubber cushioned jaws, 11 inches in width. With screw clamp for fastening to bench and screw adjustment for holding the vise at any angle. Noiseless Per dozen

No. 100.—Japanned. 91/2-inch jaws, polished face.....

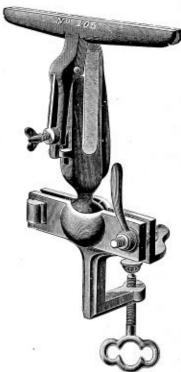
Per dozen

20.00 7.00

14.00







No. 103

No. 104

No. 105

No. 103 .- Japanned, heavy. 91/2-inch jaws, polished face. Wearing parts of malleable iron, with screw clamp and 

No. 104 .- Japanned, heavy. 91/2-inch jaws, planed. With screw clamp for fastening to bench. Screw adjustment for holding vise at any angle......Per dozen 10.00

No. 105 .- Japanned, heavy. 91/2-inch jaws, planed. With screw clamp for fastening to bench. Ball and socket adjustment for holding at any angle..... .....Per dozen



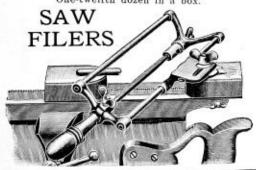




Atkins' "AAA".—Japanned steel. 12%-inch jaws. Filing space between jaws 9½ inches. Weighs a little over 1 pound and will take up about as much room as a chisel. May be conveniently carried in any kit. Used for either jointing or setting, and being seated close to the work does not quiver and needs no wooden prop. As will be seen by above illustrations the saw is placed in clamps at tooth edge for jointing and filing, when all parts and teeth are easily accessible. For setting the teeth the vise is reversed—the blade being then clamped at the back. Per doz. \$ 16.00 One-fourth dozen in a box.



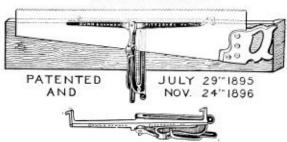
Dikeman's.—All steel, finished in combination of black enamel and polished nickel. 11% inches long with a filing section 10½ inches. Made of T and channel steel; it is light and strong, weighing about 2 lbs. The back jaw has a moulded rubber pad which prevents noise. The saw is clamped the entire length of the jaws by means of the folding handle and can be jointed as well as filed by inverting the vise. Per dozen \$ 18.00 One-twelfth dozen in a box.



Wilson.—Saw filer. Japanned frame. Bright steel rods. Complete with wood clamp, 32 inches in length. Easily adjusted. With its aid any person can file a saw correctly, keeping the teeth the same as when new. Filer may also be used on any ordinary iron saw clamp or vise...... Each \$ 2.50

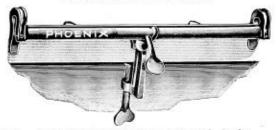
WCOD CLAMP.

## GUNN'S FOLDING



One-half dozen in a box.

## PHOENIX FOLDING



No. 5.—Phoenix. Malleable iron and steel, finely finished. 12-inch jaws, rubber inserted. Light and strong and holds any style saw. Dimensions 2x2½x12 inches—easily carried from place to place.....Per dozen \$ 15.00 One-twelfth dozen in a box.

# BENCH STOPS



No. 41.—Polished, steel face...........Per dozen \$ 8.00 One-half dozen in a box.

"STERUNG BRAND FOR QUALITY STANDS

# CLAMPS OUILT FRAME



No. 1.—Japanned, opens 21/4 inches.....Per dozen \$ .80
Two dozen in a box.

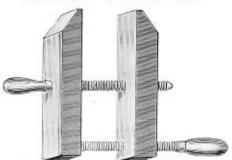


No. 32, two dozen; No. 33, one dozen in a box.



Malleable iron. Swivel head on screw. Nos... 13 14 15 Opens, inches .... 3 Per dozen ...... \$ 3.50 5.00 One-half dozen in a box. 6.00 20 Nos..... Opens, inches .... 17 18 10 Per dozen ..... \$ 10.00 12.00 15.00

# HAND SCREWS



Hard maple jaws. Screws of hickory.

		Tho:	roug	hly	sea	sone	1.			
No.	Size of ja	w S	Size c	of so	rew	Ope	ns	P	er doz	2.
813	8 X 13/8	in.	10 X	5%	in.	41/2	in.		\$ 12.0	0
812	10 x 15%	46	12 x	3/4	**	51/2	46		14.5	0
810	12 x 1%	44	16 X	7/8	44	81/2	44		18.5	0
808	14 x 21/8	44	18 X	7/8	64	10	**		22.0	0
806	16 x 23%	44	20 X	1	**	11	a		25.0	0
804	18 x 21/2	14	22 X	11/4	14	121/4	64		28.5	0
802	20 x 25%	44	24 X	11/4	44	133/4	44		32.0	0
801	22 x 23/4	64	26 x		44		**		35.0	0
800	24 X 3	44	28 X	11/4	64	17	44		40.0	0
	3.7-		A	3-		I				

No. 813, two dozen in a case. Other numbers one dozen in a case.

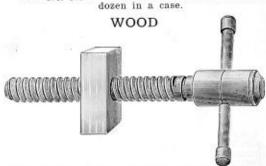
# BENCH SCREWS

IRON



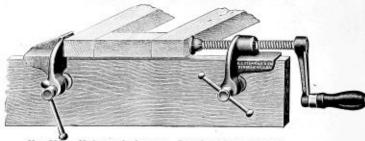
Double thread, with wood handles and movable

	co	nars.		
Nos	170.	171	172	173
Diameter, inches	1	11/8	11/4	11/2
Per dozen	\$ 8.50	9.00	11.00	16.00
Nos. 170, 171	and 172.	one dozen;	173, one-l	nalf

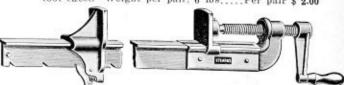


No. 185.—2½-inch screw. Made of selected timber, thoroughly seasoned and well finished. Per doz. \$ 8.00 One dozen in a case.

# DOOR CLAMPS



No. 320.—Universal clamps. Consist of 2 sections only—the head piece, and the sliding jaw or tail piece. Jaws and crank of malleable iron. Steel, machine-cut, square thread screws. Designed for use on any piece of timber up to 1½ inches in thickness and 2 inches or more in width. Of a size convenient to carry in the work box or tool chest. Weight per pair, 6 lbs....Per pair \$ 2.00



Japanned. ¾-inch steel screw. Malleable crank, sliding jaw and pawl. Wood handle, ebonized. "T" shaped steel bar, ¼ x 1¾ inches. Extra strong. Sizes given represent maximum width of work which each size will take.

No.	3 3 feet long	Per	pair \$ 5.50
No.	4 4 feet long		6.50
No.	5 5 feet long		
No.	6.— 6 feet long		8.50
No.	7 7 feet long	1	9.50
No.	8 8 feet long	•	11.00
No.	9 9 feet long		
No.	10.—10 feet long		14.00
	Door clamps, Nos. 3	to 10, not carried in s	tock;

shipped from factory direct.

16

8.00

22

12

18.00



# MALLETS

TINNERS'



Round hickory, 51/2 inches long. 

CARPENTERS'

# AUGER HANDLES



No. 10.—Plain wood. Assorted, 10 to 16 in. in length. Per doz. \$ 1.20 One dozen in a bundle.



No. 60.—Peck's adjustable. Iron bound. Polished. With iron 

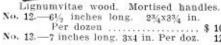


-Roger's. Length 16 inches. Japanned, malleable iron ......Per dozen \$ 9.00 body. Polished ash handles ...... One-fourth dozen in a box.



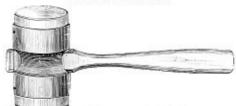
One-half dozen in a box.

20



12.00

## IRON BOUND



-Round. Heavy malleable iron socket. Mortised hickory ends. 3 inches in diameter. Per doz. \$ 15.00



No. 24.—Swan's. Length 15 in. Extra heavy. 2 slides taking from 3/4 to 16-4 auger shank. Either handle can be unscrewed. Rose wood finish handles,...Per dozen \$ 21.00

## STONE CUTTERS'



No. 1500.—Stone cutters'. Extra qual-ity. Selected heavy second growth quartered hickory with handles. As-

## BUNG STARTERS



No. 300.—Bung starters. Hard maple head, rock elm handle Dove-tailed and oiled finish. With four screws to prevent splitting. Shaved handles to insure a good spring....Per dozen \$ 6.00



No. 4 .- Pratt's, ratchet. Holds all sizes auger and bit shanks. Serves as plain or ratchet auger handle and answers the purpose of a ratchet drill ...... Each \$ 4.00 One in a box.

"STERUNG BRAND FOR QUALITY STANDS"

1.50

# CHISEL HANDLES

# SOCKET FIRMER, PLAIN



# SOCKET FRAMING



## TANGED FIRMER, PLAIN



## SOCKET BUTT



# FILE HANDLES



# PLANE HANDLES





## SOCKET FIRMER, L. T.



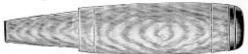
No. 312.—Maple. Leather tipped. Assorted sizes in length from 5¾ to 6¼ inches, and in diameter 1½ to 15-16 inches. Per dozen \$ 1.20 No. 316.—Maple. Leather tipped. All large, 6¼ in.

in length and 15-16 inches in diameter.

Per dozen.....

One dozen in a box.

# SOCKET FRAMING, L. T.



# TANGED FIRMER, L. T.



## TANGED BUTT, L. T.



No. 123T.—Hickory, Leather tipped, Assorted sizes about 4½ inches in length. With brass ferrules. For tang butt chisels...... Per dozen \$ 1.70 One dozen in a box.

# TOOL HANDLES



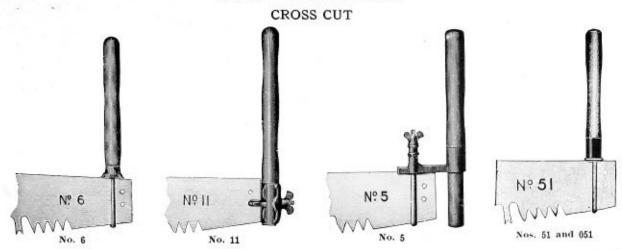
# SOLDERING COPPER HANDLES



No. 200.—Soft wood, wired, 5x1% inches. Per doz. \$ .80 Three dozen in a box.



# SAW HANDLES



No. 6.—Loop. Malleable iron castings. Swivel attached to ferrule. Selected hard wood. Parafine finish. Per pair \$
No. 11.—Climax. Malleable iron castings. Heavy long handle, selected. Parafine finish.

No. 5.—Bracket. Malleable loop. Selected hardwood handle. Parafine finish.

No. 51.—Prouty pattern. Adjustable. Extra heavy ferrule. Wrought iron loop.

No. 051.—Genuine prouty. Self-adjustable. Case hardened bottom. Norway iron loop. Heavy ferrule. .30 -40 .44 .50

## ONE MAN







......Per dozen \$ 4.00 No. 02.—Large D handle, suitable for one man cross cut saws

No. 20.—Supplementary handle. With ferrule and pin. For use at either end of one man saw...... One dozen in a box.

## HAND SAW



Nos. 2 and D8



No. 25



No. 16



No. 12

			D 3	0 0 00
	a Decelemand	Varnished edges. For 26-inch saws	rer dozen	\$ 2.00
No.	z.—Beechwood.	Variabled edges. For 20 th and and and	4.6	6.00
No.	D8.—Applewood.	Polished edges. Bored and slit. For 26-inch saws	44	6.00
27	or Dischaused	Polished edges bored and slit. For 26-inch Sterling saws		
No.	25.—Birchwood.	Polished edges bored and bits The on the popular	6.6	8.00
No.	16.—Applewood.	Carved and polished. Bored and slit. For 26-inch saws	44	
14404	10. Applement	Carved and polished. Bored and slit. For 26-inch saws		10.00
No.	12.—Applewood.	Carved and ponsued. Dored and site		
		One dozen in a box.		

# SAW SCREWS









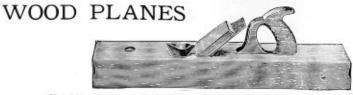


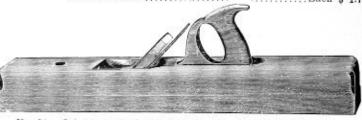
No. 1	No. 2	Nos. 3 and 4	Den dozon \$	40
No. 3.—Wrought No. 4.—Wrought	brass Centennial screws. brass Centennial screws.	Diameter ½-inch. Diameter ½ inch. Diameter ½ inch. Small eagle. Diameter 1 inch. Large eagle. meter ½-inch.  One dozen in a box.	**	.50 .60 .80 .60

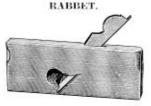
"STERUNG BRAND FOR QUALITY STANDS"













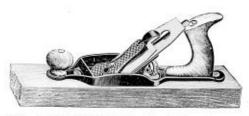
# STERLING ADJUSTABLE BENCH PLANES

1.05

.90



No. S24.—Smooth. 8 inches in length. 2-inch cutter........... Each \$ 2.00 One in a box.



No. S26.—Jack. 15 inches in length. 2 -inch cutter... Each \$ 2.25 No. S27.—Jack. 15 inches in length. 21/3-inch cutter.... 2.50 One in a box.



No. S35.—Smooth. Handled. 9 inches in length. 2-inch cutter. Each \$ 250 One in a box.



No. S29.—Fore. 20 inches in length. 2%-inch cutter.... Each \$ 2.75 One in a box.



 No. S30.—Jointer.
 22 inches in length.
 23%-inch cutter.
 Each \$ 3.00

 No. S31.—Jointer.
 24 inches in length.
 23%-inch cutter.
 3.00

 No. S33.—Jointer.
 28 inches in length.
 25%-inch cutter.
 3.00

 One in a box.
 3.25

Sterling adjustable wood bench planes are fitted with extra thick or heavy cutter. These cutters are adjustable lengthwise and laterally. All made from thoroughly seasoned wood and every plane fully guaranteed.



# STERLING ADJUSTABLE IRON BENCH PLANES

## SMOOTH BOTTOM



 No. S3.—Smooth. 8 inches in length. 13/4-inch cutter.
 Each \$3.00

 No. S4.—Smooth. 9 inches in length. 2-inch cutter
 Each 3.25





No. S6.—Fore. 18 inches in length. 23/g-inch cutter..... Each \$ 4.75

One in a box.



 No. S7.—Jointer.
 22 inches in length.
 2%-inch cutter.
 Each \$ 5.50

 No. S8.—Jointer.
 24 inches in length.
 2%-inch cutter.
 6.50

One in a box.

## CORRUGATED BOTTOM



 No. S3C.—Smooth.
 8 inches in length.
 1¾-inch Each \$ 3.00

 No. S4C.—Smooth.
 9 inches in length.
 2- inch cutter

 Each
 3.25

One in a box.





 No. S7C.—Jointer.
 22 inches in length.
 23%-inch cutter...
 Each \$ 5.50

 No. S8C.—Jointer.
 24 inches in length.
 25%-inch cutter...
 6.50

Sterling adjustable iron bench planes are fitted with extra thick or heavy taper pattern cutters. These cutters are adjustable lengthwise and laterally. Material and workmanship the best and every plane fully guaranteed.

# STERLING BLOCK PLANES



No. S101.—31/2 inches in length. 1 inch cutter. Each \$ .25 One in a box.









No. S130.—8 inches in length.  $1\frac{3}{4}$ -inch cutter. Double ender . . . . . . . . . . . . Each \$ 1.00

Has two slots and two cutter seats, increasing its usefulness greatly. Advantages apparent to every mechanic.

One in a box.



One in a box.



No. S91/2.—6 inches in length. 13/4-inch cutter. Lateral and longitudinal adjustment. Each \$ 1.60

One in a box.



One in a box.



No. S18.—6 inches in length. 134-inch cutter. Knuckle joint. Lateral and longitudinal adjustment. Nickel trimmings.....Each \$ 1.85

No. S19.—7 inches in length. 1¾-inch cutter. Knuckle joint. Lateral and longitudinal adjustment. Nickel trimmings.....Each 1.9

One in a box.



No. S60.—6 inches in length. 1½-inch cutter. Low angle. Lateral and longitudinal adjustment. Nickel trimmings....... Each \$ 1.75

No. S65.—7 inches in length. 1¾-inch cutter. Low angle. Lateral and longitudinal adjustment. Nickel trimmings........ Each One in a box.

Sterling iron block planes are highest grade, finely finished and fully guaranteed.

STERUNG BRAND FOR QUALITY STANDS"



# BLOCK PLANES

#### STANLEY'S



No. 101.—3½ inches in length. 1-inch cutter. Each.\$ .20 One in a box.











This plane has two slots and two cutter seats. Can be used as a block plane, or by reversing position of the cutter and clamping wedge can be used to plane close up into corners, or places difficult to reach with any other plane.

One in a box.



#### BAILEY'S





With throat and lateral adjustments.

No. 18.—6 inches in length. 1½-inch cutter.
Knucgle joint. Nickel trimmed...Each \$ 1.30

No. 19.—7 inches in length. 1½-inch cutter.
Knuckle joint. Nickel trimmed...Each 1.40
One in a box.

The knuckle joint in the cap makes it a lever, too; and placing the cap in position will also clamp the cutter securely in its seat.

One in a box.



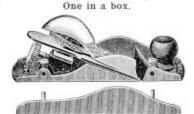
No. 60½.—6 inches in length. 1¾-inch cutter. Japanned Each \$ 1.10

No. 60. —6 inches in length. 1¾-inch cutter. Japanned Each

No. 65½.—7 inches in length. 1¾-inch cutter. Japanned Each

No. 65. —7 inches in length. 1¾-inch cutter. Nickel trimmed Each 1.35

Cutters are set at a very low angle, which is of great advantage when working across the grain.



Rabbet and block plane combined.

The detachable side will easily change this tool from a block plane to a rabbet plane or vice versa. The cutter is set on a skew and is adjustable by means of a screw.

One in a box.

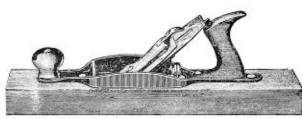
# BAILEY'S ADJUSTABLE BENCH PLANES

	WO	OD	~
(9)		15	
Z			20









One in a box.









 No. 3C.
 —Smooth.
 Corrugated bottom, 8 inches in length.
 1\(\frac{4}{2}\)-inch cutter.
 Each \$2.20

 No. 4C.
 —Smooth.
 Corrugated bottom.
 9 inches in length.
 2-inch cutter.
 Each 2.40

 No. 4\(\frac{1}{2}\)C.
 —Smooth.
 Corrugated bottom.
 10 inches in length.
 2-75

 One in a box.
 —Smooth.
 2-75



No. 5C. —Jack. Corrugated bottom. 14 inches in length. 2-inch cutter. ... Each \$ 2.75

No. 5½C.—Jack. Corrugated bottom. 15 inches in length. 2½-inch cutter ... Each No. 6C. —Fore. Corrugated bottom. 18 inches in length. 2½-inch cutter ... Each No. 7C. —Jointer. Corrugated bottom. 22 inches in length. 2½-inch cutter ... Each No. 8C. —Jointer. Corrugated bottom. 24 inches in length. 2½-inch cutter ... Each 4.80

One in a box.



# STANLEY'S PATENT PLANES

#### STANLEY'S BED ROCK CORRUGATED BOTTOM.



No.	604C Smooth. 9 inches long. 2- inch cutter.	
	Each	\$ 2.75
No.	605C,-Jack. 14 inches long. 2- inch cutter.	
	Each	3.20
No.	606C Fore. 18 inches long. 23/8-inch cutter.	
	Each	3.85
No.	607C Jointer, 22 inches long, 23/8-inch cutter.	
	Each	4.60
No.	608C Jointer. 24 inches long. 25%-inch cutter.	
	Each	5.50
	One in a box.	



Above planes are called "One Piece" from their great solidity. The entire surfaces of the frog are in contact with the plane iron on one hand and the plane bottom on the other, and are so perfectly fitted that, from the plane iron to the bottom of the plane is as one solid piece of metal. The frog is machined, not ground. The tongue and groove on the sides of the two pieces cause them when adjustment is necessary to move on one another absolutely in a straight line. No shifting or wabbling of the frog. Easily adjustable at the mouth, so that to change from hard wood to pine means scarcely a moment's delay.

#### STANLEY'S LOW ANGLE



-Low angle block. 14 inches in length. 2-No. 62.inch cutter ..... Each \$ 2.85

The construction of this plane is such that it is especially adapted for use in cutting across the grain on heavy work, where more power is required than can be obtained by use of the ordinary block plane. The plane is fitted with patent adjustable throat, which enables the user to work equally well on hard or soft wood.

One in a box.

#### IMPROVED SCRUB



-Iron stock. 91/2 inches in length, No. 40. inch cutter ... No. 401/2.—Iron stock. 101/2 inches in length, 11/2-... Each

rounded. This makes it particularly suited for roughing down work before using a Jack or other plane. One in a box

#### CABINET MAKERS' RABBET



No. 92 .- Rabbet. 51/2 in. in length, 3/4-inch cutter Each .. Bull-nose. 4 in. in length, 1-inch cutter No. 90 .-

Each .... These planes are designed for fine cabinet work where extreme accuracy is required. The sides and bottom being square with each other the plane will lie per-

fectly flat on either side and can be used right or left. Both the cutter and width of throat opening are adjustable. Nickel-plated and fitted with the "Handy" feature.

One in a box

#### SIDE RABBET



Side rabbet. 4 inches in length. Right No. 98 .hand ..... ...... Each \$ 1.00 One in a box.



Side rabbet, 4 inches in length. Left hand. ..... \$ 1.00 Each ...... One in a box

Planes numbers 98 and 99 above listed make a convenient tool for side-rabbeting and trimming dados, mouldings and grooves of all sorts. A reversible nosepiece will give the tool a form by which it will work close up into corners when required.

#### BULL NOSE RABBET

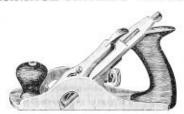


4 inches in length No. 75.—Bull-nose rabbet. Each \$ .40 1 inch cutter This plane made for working close up into a corner and will be found a very convenient tool.

One in a box.

# STANLEY'S PATENT ADJUSTABLE PLANES

#### CARRIAGE MAKERS' RABBET

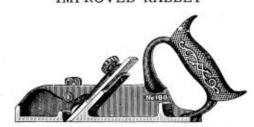


No.  $10\frac{1}{2}$ .— $9\frac{1}{2}$  in. in length.  $2\frac{1}{8}$ -inch. cutter. Each. \$ 2.75 No. 10. — 13 in. in length.  $2\frac{1}{8}$ -inch cutter. Each 3.30

Carriage makers' rabbet, with handle. Patent adjustments. A very strong and serviceable tool. Cutter is entire width of bottom.

One in a box.

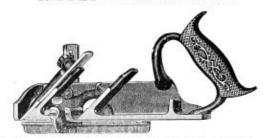
#### IMPROVED RABBET



These planes will lie perfectly flat on either side, and can be used with right or left hand equally well, while planing into corners or up against perpendicular surfaces. All fitted with a depth gauge.

One in a box.

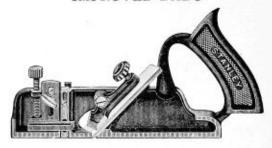
#### RABBET AND FILLETSTER



The arm to which the fence is secured can be screwed into either side of the stock, thus making a superior right or left-hand filletster, with adjustable spur and depth gauge. Remove the arm to which the fence is secured, and a handled rabbet plane is had, and with two seats for the cutter, so that the tool can be used as a bull-nose rabbet if required.

One in a box.

#### IMPROVED DADO



No. 39.-1/2-inch cutter. Iron stock 8 in. long. Each \$ 1.65

No. 39.—%-inch cutter. Iron stock 8 in. long. " 1.65

No. 39.-34-inch cutter. Iron stock 8 in. long. " 1.65

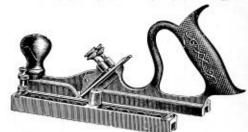
No. 39 .- %-inch cutter. Iron stock 8 in. long. " 1.65

No. 39.— 1-inch cutter. Iron stock 8 in. long. " 1.65

The cutter is set on a skew. Plane is fitted with a depth gauge, adjustable by means of a thumb screw. Also with 2 adjustable spurs, which can be adjusted to take up wear as well as for depth of cut. In ordering be sure to specify size of cutter.

One in a box.

#### TONGUING AND GROOVING

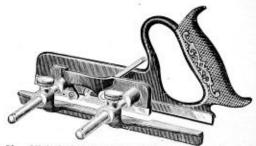


No. 48.—Nickel-plated stock and fence, for 3/4 to 11/4-inch boards ...... Each \$ 2.75

Has two separate cutters, a suitable distance apart. When the guide or fence is set as shown above, both cutters work and a tongue can be made. The fence is hung on a pivot and can be swung around, end for end. This movement covers one of the cutters, and also furnishes a guide for grooving an exact match for the tongue.

One in a box.

#### BEADING AND MATCHING



No. 50.—Nickel-plated stock and fence...... Each \$ 4.50

This tool, for ordinary beading or for center beading cannot be surpassed. By adjustment of the fence, center beading can be done up to 5 inches from the edge of a board. Except for working across the grain, the spurs need not be used.

With each plane are furnished beading tools, 1/8, 3-16, 1/4, 5-16, 1/4, 7-16 and 1/2-inch, and a pair of 1/4-inch matching tools.

One in a box.



# STANLEY'S PATENT PLANES

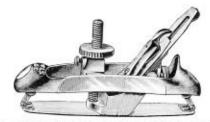
### ADJUSTABLE CIRCULAR



By means of the graduated scale on the gears, the face can be accurately set to work an arc of the same circle, both concave and convex by turning the knob on the front of the plane. Cutter adjustments, end wise screw, lateral lever.

One in a box,

#### VICTOR CIRCULAR



A very superior tool, and all its parts are specially designed with the object of eliminating any lost motion due to wear. There are less parts subject to lost motion in this plane than in any other circular plane. The ends of the flexible face being fixed and the force applied at the center great accuracy of adjustment is possible, and the face is most firmly held in position.

One in a box,

# WOOD WORKERS' ROUTER WITH CLOSED THROAT



No. 71½.—Nickel plated stock, with steel bits,  $\frac{1}{4}$  and  $\frac{1}{2}$ -inch, With closed throat . . . . . Each \$ 1.65

One in a box,

### WOOD WORKERS' ROUTER



No. 71.—Nickel plated stock, with steel bits, ½ and ½-inch ...... Each \$ 2.05

One in a box.

The wood workers' router plane should be added to the kit of every skilled carpenter, cabinet maker, stair builder, pattern maker or wheelwright. It is perfectly adapted to smooth the bottom of grooves, panels or all depressions below the general surface of any wood work. The bits can also be clamped to the back side of the upright post, and outside of the stock. In this position will plane into corners, will router out mortises for sash frame pulleys, or will smooth surfaces not easily reached with any other tool. The attachment shown in the small cut is furnished with each plane. It can be substituted for the collar that holds the cutter when the work requires a plane with a closed throat.

# STANLEY'S UNIVERSAL HAND BEADERS



No. 66.-Nickel plated stock, 111/2 inches long. With 7 steel cutters .......

Each \$ 1.00

Raised handles of special iron and nickel finish. For beading, reeding or fluting straight or irregular surfaces, and for all kinds of light routering. With square guage for straight, and an oval guage for curved work. 7 superior steel cutters go with each tool. Both ends are sharpened thus embracing six ordinary sizes of beads, four sets of reeds, two fluters and a double router iron \( \frac{1}{2} \) and \( \frac{1}{2} \)-inch. The illustration to the right gives an idea of the work that may be done with this small beader.

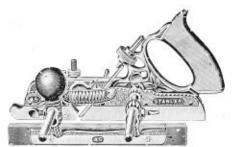
One in a box,

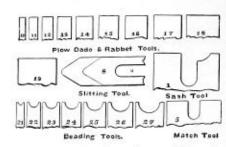
"STERUNG BRAND FOR QUALITY STANDS"



# STANLEY'S PATENT PLANES

ADJUSTABLE BEADING, RABBET AND MATCHING

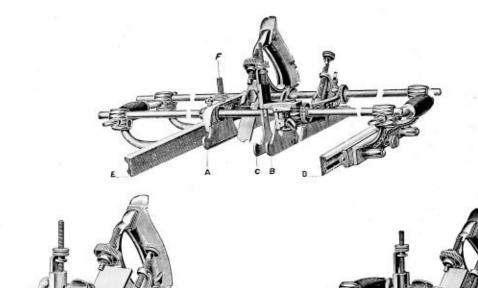


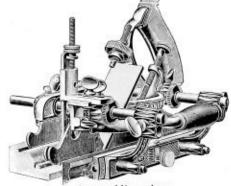


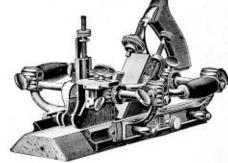
This plane combines a main stock and a sliding section so arranged that cutters of different widths can be used. Each plane is fitted with adjustable fence or guide and a depth gauge, and also with spurs for use in working across the grain. This plane can be used right or left hand. Each plane has seven beading tools (1/8, 3-16, 1/4, 5-16, 3/8, 7-16 and 1/2-inch), ten plow and dado bits (1/8, 3-16, 1/4, 5-16, 3/8, 7-16, 1/2, 5/8, 3/4, and 7/2-inch), a slitting blade, a tonguing tool and a sash tool.

One in a box.

#### UNIVERSAL No. 55







As moulding plane.

As chamfer.

This Plane consists of a main stock (A) with two sets of transverse sliding arms, a depth guage (F) adjusted by a screw, and a slitting cutter with stop. A sliding section (B) with a patent vertically adjustable bottom. The auxiliary center bottom (C) is to be placed in front of the cutter, as an extra support or stop, when needed. This bottom is adjustable both vertically and laterally. Fences (D) and (E). Fence D has a lateral adjustment by means of a screw, for extra fine work. The fences can be used on either side of the plane, and the rosewood guides can be tilted to any desired angle, up to 45 degrees, by loosening the screws on the face. Fence E can be reversed for center beading wide boards. An adjustable stop can be used in beading the edges of matched boards is inserted on the left hand side of sliding section (B). By means of the patent adjustable bottom and the auxiliary center bottom it is possible to use a cutter of practically any shape with this plane. The 52 cutters are arranged in four separate cases, and the entire outfit is packed in a neat wooden box.



# ADJUSTABLE SCRAPERS

#### VENEER SCRAPERS



This tool suitable for veneer, cabinet and floor scraping. The angle of the scraper blade can be adjusted. It can be used equally well as a tooth plane and will do excellent work in scraping off old paint and glue.

One in a box.



No. 12.—Adjustable veneer scraper. 61/4 inches in length. 3-inch cutter ...... Each \$ 2.50

Has cutters the same as scraper plane above described and for many kinds of work its peculiar form is of great advantage.

One in a box.

#### FLOOR SCRAPERS



No. 82.—14½ inches in length. 3-inch cutter. Each \$ 1.05
Tilting device permits cutter to be easily and quickly
adjusted to any angle required. Cutter stop screws can
be adjusted to hold narrow cutters. Gives natural and
easy position to the hands and balances well in working.

One in a box.



One in a box.

#### ADJUSTABLE CABINET SCRAPERS



No. 80.—Raised handles. 11 inches in length. 23/4inch cutter ...... Each \$ 1.00

The blade of this scraper may be sprung to a slight curve by the thumb screw shown in center of cut. This will be found of great advantage in working.

One in a box.



No. 81.—Raised handles, nickel-plated. 10 inches in length. 2½-inch cutter...... Each \$ 1.50

Designed for fine work, having a rosewood face which reduces friction and also prevents marring of the surface being worked upon. Face is detachable and can be removed, and either concave, convex, or irregular shaped blocks attached in its place as desired.

One in a box.

#### CABINET SCRAPERS



Polished cast steel.

No. 45.—4 inches in width, 5 inches long. " 1.60 No. 46.—4 inches in width, 6 inches long. " 1.70

One dozen in a box.

# CORNERING TOOLS



Used by wood workers in rounding sharp edges. Each number made with 2 different sized cutters—one in each end—so sharpened that operator can always cut with the grain without changing position of work. Requires no depth gauge.

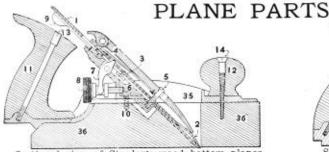
Six in a box.

Per dozen

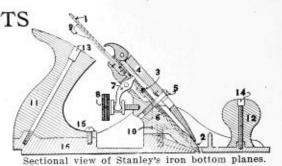
Per doz.

2.00

4.00



Sectional view of Stanley's wood bottom planes.



BENCH PLANE PARTS

	Fig. A, Fi	og Comp	lete.
Fig. 1	Plane iron	Fig. 10	Frog screw
Fig. 2	Plane iron cap	Fig. 11	Handle
Fig. 3	Plane iron screw	Fig. 12	Knob
Fig. 4	Cap	Fig. 13	Handle bolt & nut
Fig. 5	Cap screw	Fig. 14	Knob bolt & nut
Fig. 6	Frog	Fig. 15	Handle screw
Fig. 7	"Y" Adjustment	Fig. 16	Bottom (iron)
Fig. 8	Brass Adj. Nut	Fig. 35	Top casting (wood)
	Lateral Adjustm't	Fig. 36	Bottom (wood)
	to Mak of wants in six		

This list of parts is given as a guide in ordering parts and repairs for Stanley and other planes. Always give number and make of plane for which part is wanted.

Not carried in stock; shipped from factory direct.

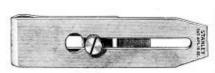
#### BLOCK PLANE PARTS

		$_{\rm BL}$	OCK PL	ANE	SPI	ARTS
Fig.	1B I	Plane	iron	Fig.	20B	Mouth piece
Fig.	4B (	ap		Fig.	21B	Eccentric plate
Fig.	5B (	ap scr	ew	Fig.	22B	Knob
Fig.	7B A	Adjusti	ng lever	Fig.	26B	Adjust. frog
Fig.	8B A	Adjusti	ng nut	Fig.	28B	Adjusting screw
Fig.	9B I	ateral	adjustm't	Fig.	46B	Bottom
Fig.	16B E	3ot'm (	adj. throat	)		
r	his li	st of p	arts is give	en as	a gui	de in ordering pa

This list of parts is given as a guide in ordering parts and repairs for Stanley and other block planes. Always give number and make of plane for which part is wanted. Not carried in stock; shipped from factory direct.

#### BENCH PLANE IRONS

Single irons. Tempered, ground and polished.



101 40	7 M
No. 1X3. —13/4 in. Suitable for planes Nos. 3 or 3C \$	4.14
No. 1X4. —2 in. Suitable for planes Nos. 4, 4C, 5, 5C, 24, 26 or 35	4.50
	5.22
No. 1X51/2.—21/4 in. Suitable for planes Nos. 51/2, 51/2C, or 271/2	5.04
No. 1X82% in. Suitable for planes Nos. 8, 8C, or 33	5.76
Above prices are for single irons only. Owing to construction of cap	the
double irons vary in the wood and iron planes. For this reason orders	for
double irons can only be filled when the number of the plane is known	and
then from factory direct.	

### BLOCK PLANE IRONS

	BEOCK I LANE IKONS	
70		Pe
	No. 1B1001- inch plain irons. For planes Nos. 100 or 101	
	No. 1B102.—11/4-inch plain irons. For plane No. 102	
	No. 1B103.—14-inch plain irons. For plane No. 103	
- IIIIIIIII	No. 1B60. —1%-inch adjust irons. For planes No. 60, 601% or 203	
	No. 1B110.—1%-inch adjust frons. For planes Nos. 110 or 130	
THE RESERVE OF THE PARTY OF THE	No. 1B9½.—15%-inch adjust irons. For planes Nos. 9½, 16, 17, 18,	19.
	65, 65½ or 220	

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No. 1B91/215%-inch adjust irons. For planes Nos. 91/2, 16, 1	7, 18, 19,	0.00
65, 65½ or 220		4.00
BLOCK PLANE CAPS		
No. 4B102.—Caps suitable for planes Nos. 102 or 103P	er dozen	\$ 2.40
No. 4B110.—Caps suitable for planes Nos. 110 or 130	64	2.40
No. 4B91/4.—Caps suitable for planes Nos. 91/4 or 220.	46	2.40
No. 4B60. —Caps suitable for planes Nos. 60 or 60%	46	3.60
No. 4B16. —Caps suitable for planes Nos. 16, 17 or 65	46	3.60
No. 4B18. —Caps suitable for planes Nos. 18 or 19	**	4-80
Items listed and priced, carried in stock. Others shipped from	factory d	irect



# **GAUGES**

# MARKING AND MORTISE

#### MARKING



No. 61.—Beechwood. Boxwood thumb screw. Oval bar. Marked. Steel point....Per dozen \$ 1.00 No. 62.—Beechwood. Polished. Boxwood thumbscrew. Oval bar. Marked. Adjustable steel point..........Per dozen 2.00



No. 65.—Boxwood. Polished. Plated head. Brass thumb screw and shoe. Oval bar. Marked. Adjustable steel point..........Per dozen \$ 6.00 One-half dozen in a box.





No. 91.—Nickel-plated and polished steel bars. The steel points are attached very near the ends of the bars to admit of being used close up into a rabbet or corner. Per doz. \$ 9.00 One-twelfth dozen in a box.

#### PANEL



No. 85.—Beechwood. Boxwood thumb screw. Oval bar. Steel points. Adjustable. Per dozen \$ 3.20 One dozen in a box.

#### TRAMMEL POINTS



Per pair .......\$ 1.20 1.50 2.10

Used to strike arcs or circles larger than can be done conveniently with ordinary dividers. Steel points on either of which a pencil socket (which accompanies each pair) can be firmly clamped close up to the main stop. This secures pencil at point nearer work than is possible by any other method.

One pair in a box.



No. 77.—Rosewood. Plated head. Improved screw slide. Brass thumb-screw and shoe. Oval bar. Marked. Steel points....Per dozen \$ 10.00 One-half dozen in a box.



No. 71.—Beechwood. Polished. Plated head and bars. Brass thumb screws and shoes. Oval bars. Marked. Steel points,...Per dozen 8.00 One-half dozen in a box.



No. 97.—Marking and roller. Nickel-plated steel bar. Adjustable steel point and roller. Marked. One in a box . . . . . . Per dozen \$ 6.60



No. 98.—Mortise and roller. Nickel-plated steel bars. Adjustable steel points and rollers. Marked. One in a box...... Per dozen \$ 12.00



No. 95.—Butt and rabbet. Nickel-plated, all steel. steel points. Gauges accurately for thickness of butt. One in a box...Per dozen \$ 12.00

#### TRAMMEL POINTS



No. 4.—Nickel-plated with steel points. 4½ in. long and suitable for 1%-inch straight edge. Per pair \$ .75

Can be attached to one side of any straight stick without regard to size and thus quickly adjusted for use. Ordinary or full sized carpenters' pencil may be used. One pair in a box.

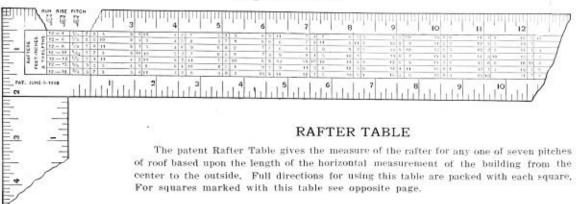


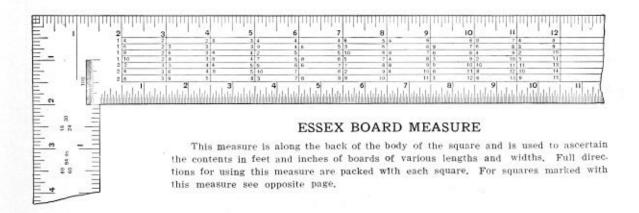
# **SQUARES**

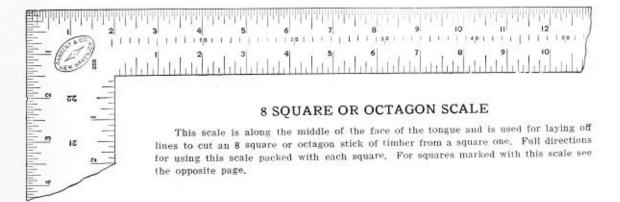
		SQUARES	
		2 3 4 5 6 7 8 9 10 11 12 13 14 15	16 17
E-6	\$ 00° E)	1 2 3 4 5 6 7 8 9 9 0 11 12 13	14 15
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2 0	- 3	DOLIGHED IDON	- N =
E	_	POLISHED IRON NOT TAPERED.	
- m		No. 21.—2 feet; 12-inch tongue, 11/2x1 inches wide. Marked in 8ths inches on	, w
E	64	one side only	=
702	_	both sides Per dozen 6.00	2
E	_m -	No. 24.—2 feet; 12-inch tongue, 2x1½ inches wide. Marked in 8ths inches on both sides	· •
- 61	- 5	One-half dozen in a box.	_ ° * = =
E	4	POLISHED STEEL	<b>ニ</b> る。、: 喜
Ψ 91	_	No. 11.—1 foot; 8-inch tongue, 11/2x1 inches wide. Marked in 4ths and 8ths inches on both sides	_ * 6 _
E.	-0	inches on both sides Per dozen \$ 9.30  No. 12.—1 foot: 8-inch tongue, 1½x1 inches wide. Marked in 4ths, 8ths,  12th and 16ths inches Per dozen 11.25	- 5 · = 3
E.	-	No. 3011/2 feet; 12-inch tongue, 11/2x1 inches wide. Marked in 4ths, 8ths,	_ , <del>- ]</del>
E "	_ 0 =	12ths and 16ths inches	
E 8	=	and 16ths inches. Brace measure, 8 square, 1-100 drafting scale	_ ° • ₫
E 91		No. 2.—2 feet; 16-inch tongue, 2x11/2 inches wide. Marked in 4ths, 8ths,	-6
0	Ξ	12ths and 16ths inches. Brace measure, 8 square and Essex board measures	一 / 专導
E "	8 -	No. 3.—2 feet; 16-inch tongue, 2x1½ inches wide. Marked in 4th, 12ths and 16ths inches. Brace measure and Essex board measure.	_ <del>- </del> - <u>- </u>
<u> </u>		Per dozen 15.00	- 8 -
E "	_0 =	30. 14.—2 feet; 16-inch tongue, 2x1½ inches wide. Marked in inches, 4ths and 8ths inches; and Essex board measure Per dozen 12.75	
E.,	=	No. 100.—2 feet; 16-inch tongue, 2x1½ inches wide. Marked in 8ths, 10ths, 12ths, 16ths and 32nds inches, 1-100 drafting scale, brace measure,	_
- 81	_0_	8 square and Essex board measure	
12 2	Ξ	One-fourth dozen in a box.	_ 10 = _
61	- 2	NICKEL PLATED STEEL  No. 3N.—Extra grade. 2 feet; 16-inch tongue, 2x1½ in. wide. Marked in	10
-2 <sub>11</sub>		4ths, 12ths and 16ths in. Brace measure, Essex board measure.	_ " = =
Ξ."	_0_	No. 1N.—Extra grade. 2 feet; 16-inch tongue, 2x1½ in. wide. Marked in	= =
401	=	8ths, 12ths and 16ths in., 1-100 drafting scale, brace measure, 8 square and Essex board measure	12 <del></del>
	-2-	No. 100N.—Extra grade. 2 feet; 16-inch tongue, $2x1\frac{1}{2}$ in, wide. Marked in 8th, 10ths, 12ths, 16ths and 32nds in., 1-100 drafting scale, brace	- <del>-</del> -
-0,	=	measure, 8 square and Essex board measure Per dozen 26.00	13 =
_ °	-4-	One-fourth dozen in a box.  ELECTRO COPPER-PLATED STEEL	_ =
	-	No. 3AP.—Extra electro copper-plated. Graduations and figures in black.	_ '* <del>5 _</del>
_ "		2 feet; 16-inch tongue, 2x11/2 in. wide. Marked in 4ths, 12ths and 16ths in. Brace measure and Essex board measure Per dozen \$ 22.50	60 ==
<u>_</u> ,	=	One-fourth dozen in a box.	15 -
₽.	-0-	GALVANIZED STEEL	7
	三	No. 3VG.—Extra galvanized. Graduations and figures in red. 2 feet; 16-in. tongue, 2x11/2 in. wide. Marked in 4ths, 12ths and 16ths in. Brace	16 -
	_5_	measure and Essex board measure	•
g	_=	BLUED STEEL	_ '7 <del>- </del>
		No. 3B.—Extra blued. Graduations and figures in white 2 ft : 1c-in tengue	<u> </u>
0,0	=	2x1½ in. wide. Marked in 4ths, 12ths and 16ths inches. Brace measure and Essex board measure	_ 10 ==
		16-in. tongue, 2x1% in. wide. Marked in 8ths 10ths, 19ths, 19ths	4 -
317	-	Per dozen  Per dozen	19 0
_ •	20 19	One-fourth dozen in a box.	<u> </u>
512		ROYAL COPPER STEEL	20
6	-5	No. 100C.—Extra grade. Red enamel. Graduations and figures in white. 2 ft.; 16-in. tongue, 2x1½ in. wide. Marked in 8ths, 10ths, 12ths,	N =
- 61	-	16ths and 32nds in. 1-100 drafting scale. Brace measure, 8 square and Essex board measure	21 w
	-22-	One-fourth dozen in a box.	
			- F 10 10 1
		2 3 4 2 9 14 15 10 11 15 13 11 <del>4</del> 113	6 3 -
	46		

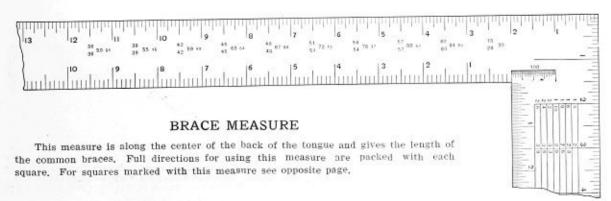


# **SQUARES**











# SQUARES, BEVELS, ETC.

### TAKE-DOWN SQUARES

No. 100BTD .- 2 feet; 16-inch tongue, 2x11/2 inches wide. Marked in 8ths, 10th, 12ths, 16ths and 32nds inches, brace measure, 8 square and board measure. Extra grade. Blued with graduations and figures in yellow. 



Standard take-down square will be appreciated by all mechanics who go from place to place and require the use of a square frequently. Occupies space but 24x4 inches and securely packed in drill scabbard as illustrated. The heel is solid, greatly increasing the strength. The tongue cannot drop out or slip, being held firm by locking screw, securely fastened in square. In addition the tongue has a smooth sliding fit, avoiding the wear that comes when the tongue is forced in. Any coin or flat tool inserted in slot will easily turn the screw.

Easy to operate, accurate and strictly high grade.





#### SLIDING T BEVELS



Rosewood handle. Steel blade. Brass flush lever. Inches ...... 6 Per dozen ... \$ 3.95 No. 25.—Inches 4.30

One-half dozen in a box.

#### ANGLE DIVIDERS



No. 30.—Angle divider, Nickelplated ...... Each \$1.50 Finds any angle. Graduated for

the parts of circle commonly used. May be used as a try square or bevel. Ideal for fitting moulding to odd angles.



Nickel-plated iron handle. Steel blade. Thumb-screw at lower end of handle.

No. 18.—Inches ..... Per dozen . \$ 8.40 One-half dozen in a box.

9.10

#### RULE TOOL OR GAUGE

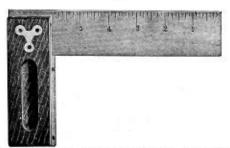


No. 200.—Rule tool or gauge. Aluminum with cast brass lever fastener. %-inch wide and in size 3x2x2 inches. May be used on ordinary wood rules (one inch folded) and can be applied or detached in an instant. A true square, depth, or miter line gauge. Takes up very little room can be carried in the vest or apron pocket ..... Per dozen \$ 4.00 One dozen in display box.



# TRY AND MITRE SQUARES

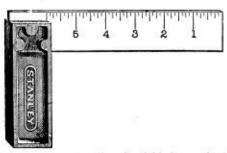
TRY SQUARES



Rosewood handle. Brass face plate. Steel blades. graduated in inches.

No. 20.—Inches..... 3 4½ 6 7½ 10 12 Per dozen \$ 2.35 2.70 3.60 4.15 5.50 6.70

One-half dozen in a box.



Nickel-plated iron handle. Steel blade, graduated. Square, inside and out.

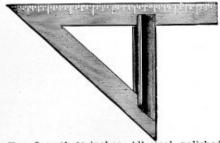
No. 12.—Inches ....... 4 6 8 10 12 Per dozen. \$ 3.40 3.95 5.00 6.40 7.50

One-half dozen in a box.



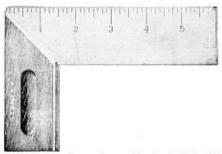
One dozen in a box.

#### MITRE SQUARES



No. 3.—Fox. Length 10 inches. All steel, polished and nickel-plated. Simple, accurate and durable—no adjusting necessary. Per doz. \$ 12.00 One-half dozen in a lox.

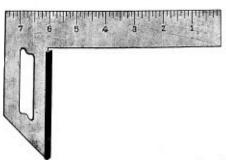
TRY AND MITRE SQUARES



Rosewood handle. Brass face. Graduated steel blade.



Nickle-plated from handle. Graduated steel blade. Square inside and out.



### MITRE SQUARES



"STERUNG BRAND FOR QUALITY STANDS

### PLUMBS AND LEVELS

All Stanley levels now made with the handy grooved feature. In climbing ladders, walking on stagings or on the frame of a building, the peculiar form of the level gives a feeling of steadiness to the workman.

Also made with both plumb and level glasses set so as to give a better view of the bubble when working overhead. Note the ease of reading as shown by cuts at either side of this description.











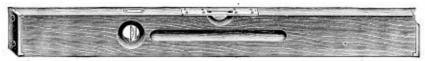
No. 104 .- Arch top plate. Two side views. Polished. Plumb and level. Assorted 18 to 24 in. Per dozen ...... Per dozen \$ 7.60



No. 104½.—Arch top plate. Two side views. Polished. Brass tipped. Glasses set solid in stock. 



10.92 Per dozen



No. 2.—Arch top plate. Two side views, brass tipped. Patent adjustable. Polished. Assorted 24 to 30 in. Per doz. \$ 14.70 No. 3.—Arch top plate. Two side views. Patent adjustable Brass tipped. Polished. Solid sizes 24-inch and 30-inch, and assorted 24 to 30 inches..... .... Per dozen \$ 16.50



No. 5 .-- Arch top plate. Two side views, brass tipped. Patent adjustable. Triple stock. Polished. Assorted 24 to 30 inches Per dozen \$ 22.50



No. 30 .- Arch top plate. Improved Duplex side views. Cherry wood. Brass tipped. Patent adjustable. Pol-



No. 13 .- Square top plate. Polished side views. Two plumbs, Selected cherry, Brass tipped, Proved glasses. Assorted 24 to 30 inches All above one-half dozen in a case. 



No. 93 .- Brass bound. Mahogany. Two sid; views. With proved glasses. Polished. Each in pasteboard box. 



# PLUMBS AND LEVELS

MASONS' OR BRICKLAYERS'



No. 35.—Brass arch top plate. Adjustable. Adapted also for plumb bob and line. Length 42 inches. Per dozen \$ 21.00 One-half dozen in a box.



No. 451/2 .- Square top plate. Two side views. Two plumbs, with proved glasses. Adjustable. Polished. Adapt-One-half dozen in a box.



No. 1M .- One level. Length 47 inches. Width 4 in. Thickness 1-inch. Adapted for plumb ...... Per dozen \$ 18.00 bob and line ... One-half dozen in a box.



One level and one plumb. Length 47 in. Width 4 in. Thickness 1 inch. Adapted for plumb bob and line ... . Per dozen \$ 22.50 One-half dozen in a box.



No. 3M.—One level and two plumbs. Length 47 in. Width 4 in. Thickness 1 inch. Adapted for plumb bob and line ... . Per dozen \$ 27.00 One-half dozen in a box.



No. 4M.—One level and two plumbs. Length 45 in. Width 3 in. Thickness 11/4 in. Adapted for plumb bob and line ..... Per dozen \$ 27.00 One-half dozen in a box.

#### MACHINISTS' AND CARPENTERS'

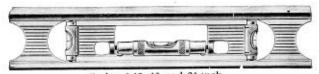


Style of 6 and 9-inch.

Style of 12, 18 and 24-inch.

Japanned iron. Nickel-plated trimmings. Two plumbs. Proved glasses. No. 36.—Inches ..... 12 6 \$ 1.25 1.50 1.75 2.00





Style of 12, 18 and 24-inch. Style of 6 and 9-inch. Nickel-plated throughout. Fitted with ground glasses and protected by eclipse cases or protectors. Two plumbs. No. 37.—Inches 6 24 12 18 Q. 4.00 3.00 2.50 Each ,.... One in a box.

One in a box.

In levels numbers 36 and 37, both the plumb and level glasses are set in a metal case. Each case machined to fit accurately the frame of the level. Metal case may be readily removed from frame. New glasses may be inserted or the level adjusted easily.

#### MACHINISTS' LEVELS





Style of 34V.

Nickel-plated. Cast iron base. Ground glass, protected by revolving shell.

No. 34. -Flat bottom, inches .... 10 Each .....\$ 1.25 1.50 2.00 2.50 -Grooved bottom, inches..... Each One in a box. ..... \$ 1.50 2.00

Grooved bottom will be found very useful when leveling shafting, etc.



No. 391/2. — Machinist's iron level. Cast iron, ornamental design and full nickel-plated. Length 6 inches. Two side views. Strong and serviceable, yet neat in design. Per dozen ..... \$ 6.00

24

2.25

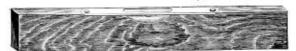
One-half dozen in a box.

STERUNG BRAND FOR QUALITY STANDS

# POCKET LEVELS, GLASSES AND SIGHTS

#### POCKET LEVELS







BIT AND SQUARE LEVELS





#### LEVEL GLASSES



#### DEGREE LEVELS

5.10



Showing Use as a Level.

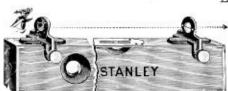


Showing Use as a Plumb.

No. 400.—Morrison Degree Levels. Can be used either to plumb or to level, as well as gauging surfaces of various inclinations. Will take any angle or degree by measurement. Can be used in any opening 1% in.

Per dozen \$6.00

#### LEVEL SIGHTS









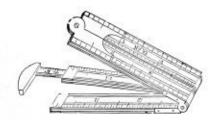
By using these ingenious devices which can be attached to any level, a convenient and accurate means for leveling, from one given point to another at a long distance away is afforded. When not in use may be easily and quickly detached.



#### SIX INCH CALIPER



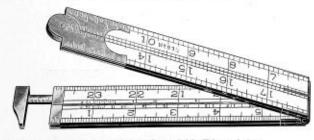
### ONE FOOT CALIPER





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#### TWO FEET, CALIPER



No. 83C.—2 feet arch joint, four fold. Edge plates.

Marked in 8ths, 10ths, 16ths inches and
drafting scales. 13 in. wide. Caliper
marked in 32nds inches.....Per dozen \$ 12.00
One-half dozen in a box.

#### ONE FOOT, FOUR-FOLD

1000	0	- 5	N 0 6 9	a	1
31 F				÷ T	-
-	0	64		8	
10					

One dozen in a box.

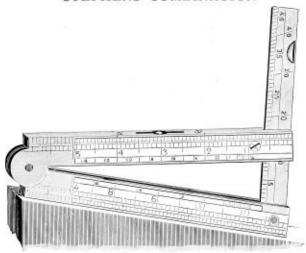
5 1		5	No	4,		4	
	Z	1	-		8		

One-half dozen in a box.



One-half dozen in a box.

#### STEPHENS' COMBINATION

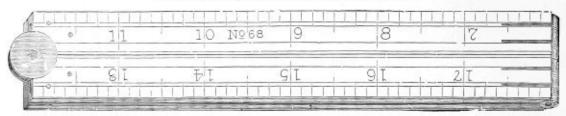


No. 036.—1 foot square joint, two fold. Combines a carpenter's rule, spirit level, square, plumb, bevel, inclinometer or slope level, brace scale, drafting scale, T square, protractor, right angled triangle, and with a straight edge can be used as a parallel ruler. When folded it is 6 in. long, 1%-inch thick, weighing the same as an ordinary broad bound rule. Each \$ 3.50

Six in a box.



TWO FEET, FOUR-FOLD, NARROW



No. 68.—2 feet. Round joint. Middle plates. Marked in 8ths, and 16ths inches. 1-inch wide.......Per dozen \$ 2.50

One dozen in a box.

	111	10 N	963 9	8	7	
	- 13	2	11	111,1		
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	8 1	I VIL	7 7 7	- 1 9 L	41	
JEE BEEFE			i i	100000		200

No. 61.—2 feet. Square joint. Middle plates. Marked in 8ths, and 16ths inches. 1-inch wide......Per dozen \$ 3.00

No. 63.—2 feet. Square joint. Edge plates. Marked in 8ths, 10ths, 12ths and 16ths inches and drafting scales.

1-inch wide .......Per dozen 4.00

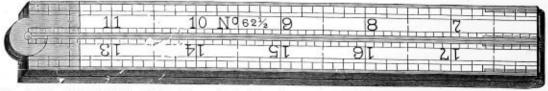
One-half dozen in a box.

1		10	Nº 52 9	8	12	
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	14	. 18	12	11	hidadadad3/4	
[3		14	1 91	1 9 1	, 2 I	1
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1 inch wide. Per dozen 7.25
No. 54.—2 feet. Arch joint. Full bound, marked in 8ths, 10ths, 12ths and 16ths inches and drafting scales.
1 inch wide. Per dozen 8.75

		7	- 1		1		8				9		62	Nº	0	Y 1	NLE	STA	11	1		1
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-	_	1	4	-	-	-	L	9	-		-	7		-	-	1	+	-	1	-	10	4
	T	+	4	П	+	T	1	9	П	П	÷	7		T	ı	H	+	П	1		TI	4

#### TWO FEET, FOUR-FOLD, EXTRA NARROW



No. 63½.—2 feet. Square joint. Edge plates.

No. 62½.—2 feet. Square joint. Full bound.

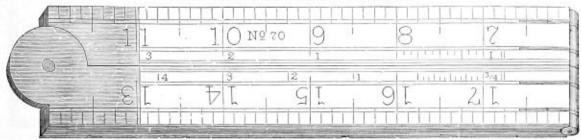
Marked in 8ths, 10ths and 16ths in. ¾ inch wide.....Per dozen.\$ 4.25

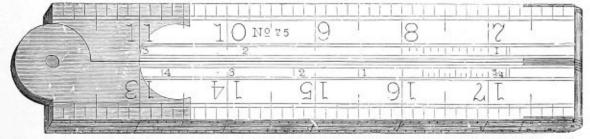
Marked in 8ths, 10ths, 12ths and 16ths in. ¾ inch wide " 8.00

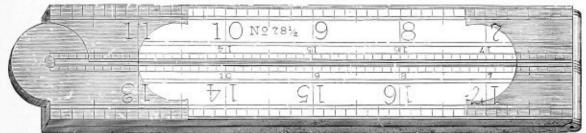
One-half dozen in a box.



TWO FEET, FOUR-FOLD, BROAD





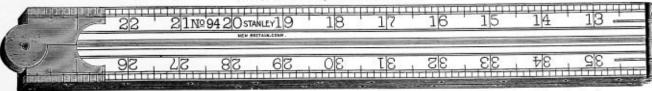


#### THREE FEET, FOUR-FOLD

17	16 Nº 56% 1	5 14	STANLEY 13	12	11	10	_
o GI	CS . I	2. 22	. 88	<del>1</del> 2	SZ .	56	=

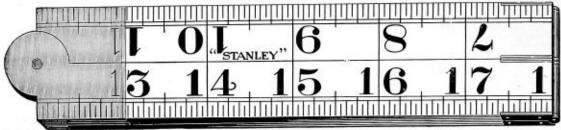
No. 66½.—3 feet. Arch joint. Middle plates. Marked in 8ths, and 16ths inches. 1 inch wide......Per dozen \$ 6.00 No. 66½.—3 feet. Arch joint. Edge plates. Marked in 8ths and 16ths inches. 1 inch wide......Per dozen \$ 7.00 No. 66¾.—3 feet. Arch joint. Full bound. Marked in 8ths and 16ths inches. 1 inch wide......Per dozen \$ 100 No. 15.00 No. 15.0

#### FOUR FEET, FOUR-FOLD

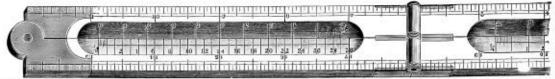




TWO FEET, FOUR-FOLD, BLIND MANS'



### TWO FEET, FOUR-FOLD, NARROW, ARCHITECTS'



# IVORY RULES

ONE FOOT, FOUR-FOLD

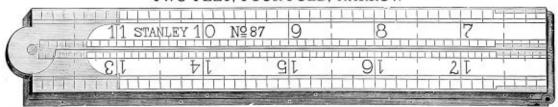
ONE FOOT, CALIPER





No. 40.—1 foot. Square joint. Full bound. Marked in 8ths and 16ths inches. % inches wide. Caliper marked in 16ths inches. Ivory, with German silver trimmings. Per doz. \$ 44.00 One-half dozen in a box.

#### TWO FEET, FOUR-FOLD, NARROW



#### BOXWOOD SHRINKAGE RULES

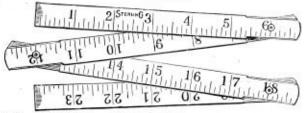
#### YARD STICKS

No. 41.—3 feet. Marked in 8ths inches, one side, yard measurements on other. 1 inch wide. Maple, with brass



# ZIG-ZAG RULES

STERLING

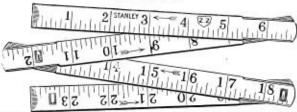


Sterling. Flexible hardwood. Brass tips. Riveted joints, countersunk. 6-inch folds, %-inch wide. Marked in 16ths. Joint holds firm and rigid when extended.

Yellow enamel. Piveted is interest.

Yellow enamel.	Riveted join	ts.		White enar	lon	Divoted	inter	4	
Nos	14 15 4 5 4-00 5-00 zen in a box.	16 6 6.00	18 8 8 00	Nos	113 3 3.75	114 4 5.00	115 5 6.25	116 6 7.50	118 8 10.00

#### STANLEY



Stanley. Flexible hardwood. Flated steel tips and joints, concealed rivets. 6-inch folds, 5/g-inch wide. Marked in 16ths. Fitted with patent shield plate near end of each joint which keeps the sections from rubbing and prevents the graduations becoming worn.

Yellow enamel. Co	joints.		White enamel.	Conceal	ed join	ts	
Nos. 03  Length, feet 3  Per dozen \$3.30  One-half dozen	05 5 5.50 ox.	06 6 6.60	Nos	104 4 5.50	105 5 6.90	106 6 8-25	108 8 11-00

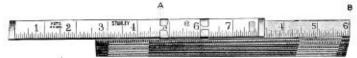
#### STANLEY, NARROW



Stanley. Narrow. Flexible hardwood. Plated steeltips and joints, concealed rivets. 4-inch folds, 7-16-inch wide. Marked in 16ths. Holds firm when extended.

Yellow enamel. Concealed	joints.		White enamel. Concealed	joints.	
Nos 302	303	304	Nos 602	603	604
Length, feet 2	3	4	Length, feet 2	3	4
Per dozen \$ 3.70	5.50	7.30	Per dozen \$ 4.65	6.95	9.25
One-half dozen in a box.			One-half dozen in a bo	OX.	

#### ZIG-ZAG EXTENSION



One-half dozen in a box.

#### SLIDE EXTENSION

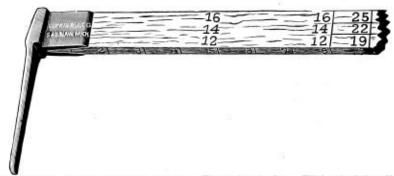




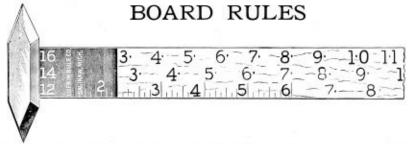
# LOG RULES

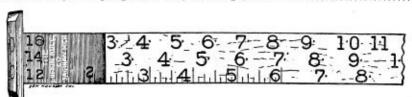


No. 14.—Square head. Full length, 4 feet, 8 inches. Figured 48 inches. With 8-inch handle ......... Per dozen \$ 27.00

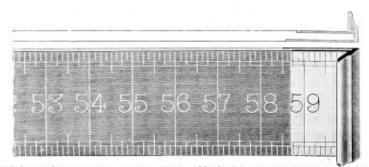


No. 16.—Solid Hook Log Rule. Full length, 4 ft. 8 inches. Figured 48 inches. With 8-inch handle....Per dozen \$ 27.00 One-half dozen in a bundle.





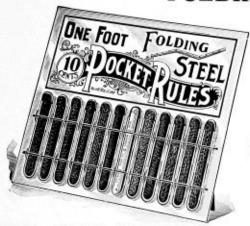
# GLASS CUTTERS' RULES



Polished maple, with brass flange or lip. 1/4-inch thick. Marked both sides and both edges in consecutive inches and eighths.



# FOLDING STEEL RULES



One dozen on display card.



THE LUPKIN RULE CO.

Shows rule in metal bound leather case.

Flexible spring steel, %-inch wide. Raised figures. Marked in inches and sixteenths on one edge both sides. Stop joints—hold rigid when opened. Each in metal bound leather case.

		T				000 000	54,000,50	reactive case			
No.	11311	ft.,	3-inch	joints,	4	fold.	28	gaugePer	dozen	8	5.50
								gauge	16		5.50
No.	11422	ft.,	4-inch	joints,	6	fold.	28	gauge	44		9.50
								gauge	44		10.00
No.	1163.—3	ft.,	6-inch	joints,	6	fold.	26	gauge	0.		14.00
No.	11644	ft.,	6-inch	joints,	8	fold.	26	gauge	41.		17.50
			0	ne doze	111	in a b	ww				

87 22 16 17 589.

31 77 15 16 17 5189.

LUFKIN 1 RULE CO. 2 SAGINAW, 3 MICH.U.S.A4 Pat.April 25 5 1893 6 6

Tempered steel, 3/4-inch wide and No. 20 gauge. 6-inch patent stop joints. Marked in inches and sixteenths on both sides. Surface of rule is bright with sunken figures and lines which show clear and distinct. Convenient, compact and practically indestructible.

No. 1173.— 6 fold Per dozen \$ 25.20

No. 1174.— 8 fold 33.60

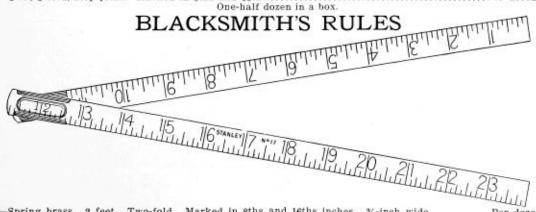
No. 1175.—10 fold 42.00

No. 1176.—12 fold 50.40

One-half dozen in a box.



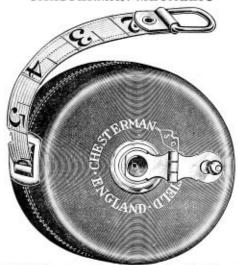
Shows full width of number 85.





# CHESTERMAN MEASURING TAPES

#### CHESTERMAN METALLIC



 Hard leather case.
 Brass folding handle.
 Brass trimmings.

 mings.
 %-inch metallic warp linen tape.
 Marked in feet, inches and half-inches on one side, links on other side.

 No.
 34L.—Feet.
 25
 50
 75
 100

 Each
 3
 1.80
 2.60
 3.30
 4.20

 One in a box.

#### CHESTERMAN STEEL



Hard leather case. Flush folding handle. Brass trimmings. %-inch steel tape. Marked in feet, inches and eighths on one side, links on other side.

No.	1038L.—Feet	25	50	75	100
	Each \$	4.50	7.20	10-40	12.80
	One in	a box.			

# LUFKIN MEASURING TAPES

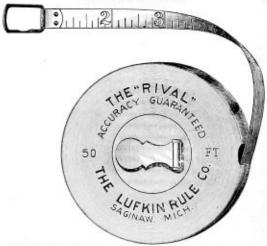
#### CHALLENGE STEEL



Hard leather case. Nickel plated trimmings. Flush handles. 3's-inch steel tape. Marked in feet, inches and eighths—instantaneous reading—the footmark at every inch as described below.

	260	263	265	266
Length, feet		50	75	100
Diameter of case, inches	23/4	31/4	41/4	41/9
Each \$	3.25	4.00	5.25	6.75
One in	a box			

#### RIVAL STEEL



Nickel-plated steel case. Flush handle. 3/g-inch steel tape. Marked in feet, inches and eighths—instantaneous reading—the foot mark at every inch as described below.

245	246
75	100
3 <sup>3</sup> / <sub>4</sub>	41/4
4-50	5.75
	33/4

# Instantaneous READINGS

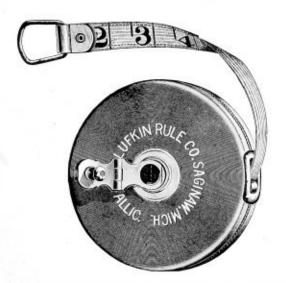


Instantaneous reading means—the repeating of the footmark in "easy to read" figures at each inch, the total being at all times directly before the eye. Saves time, saves patience, saves errors, saves money.



# LUFKIN MEASURING TAPES

#### LUFKIN METALLIC

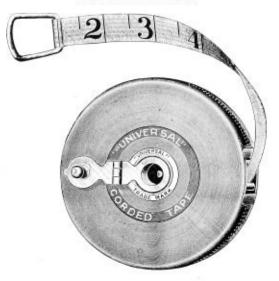


Hard leather case. Brass folding handle. Brass trimmings. %-inch woven linen metallic warp tape. Marked in feet, inches and half inches.

Nos	500	503	505	506
Length, feet		50	75	100
Per dozen \$	20.40	30.00	37.20	46-80

One-twelfth dozen in a box.

#### BEND LEATHER

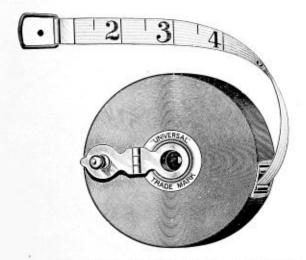


Russet leather case. Finished in natural color. Brass folding handle. Brass trimmings. ½-inch linen corded tape, water-proof coated. Marked in feet, inches and quarters.

Nos	930	933	935	936
Length, feet		50	75	100
Per dozen \$	11.00	14.00	16.00	18.00

One-half dozen in a box.

#### PRESSED LEATHER

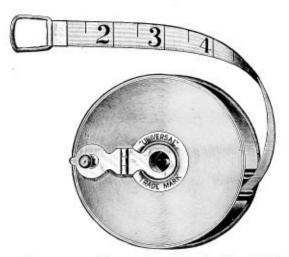


Pressed leather case, enameled. Brass folding handle. Brass trimmings. ½-inch linen corded tape, water-proof coated. Marked in feet, inches and quarters.

Nos	1030	103
Length, feet	25	50
Per dozen	\$ 6.50	10.0

One-half dozen in a box.

#### EXTRA GRADE UNIVERSAL

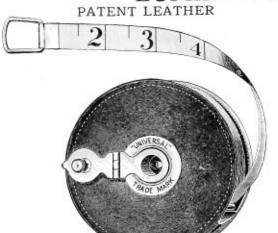


Maroon enameled case, brass bound. Brass folding handle, brass rings and trimmings. 1/2-inch linen corded tape, water-proof coated. Marked in feet, inches and quarters.

Nos	730	733
Length, feet	25	50
Per dozen \$	5.00	8.00

One-half dozen in a box.

# LUFKIN MEASURING TAPES



Patent leather case. Brass folding handle. 1/2-inch cotton and linen Union tape of extra quality and waterproof coated. Marked in feet, inches, and quarters.

Nos	820	823
Length, feet	25	50
Per dozen \$	5.00	8.00
One-half dozen in a box.		

### JUNIOR METALLIC



Double folding flush handle, Hard leather case. opened by pressing pin on opposite side. 3/8-in. woven linen

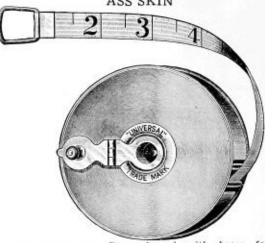
metallic warp tape. Marked in feet, inche	s and	eighths.
Nos	660	663
Length, feet	25	50
Diameter of case, inches	23/4	31/2
Each \$	1.80	2.25

# CHALLENGE JUNIOR



Nickel-plated trimmings. Fold-Hard leather case. ing flush handle. 1/4-inch steel tape. Marked in feet, inches and sixteenths—instantaneous reading—the foot mark at every inch as described on page 90. About half the size and weight of the regular Challenge Tane.

Nos.		1263	1265	1266
Length, feet	25	50	75	100
Diameter of case, inches	21/4	27/8	33/8	33/4
Each \$	3.00	3.50	4.50	5.75
	in a b	OX.		



Enameled case. Brass bound with brass folding handle, brass rings and trimmings. 1/2-inch cotton tape, water-proof coated. Marked in feet, inches and quarters. 713 716 710 Nos. 75 100 50 25 Length, feet, \$ 3.75 5.00 7.50 9.00 Per dozen...

#### One-half dozen in a box. RELIABLE JUNIOR



Hard leather case. Nickel-plated trimmings. Double folding flush handle, opened by pressing pin or small button on opposite side. 1/4-inch steel tape. Marked in feet, inches and sixteenths—instantaneous reading—the foot mark at every inch as described on page 90.

Nos.	100	103
Length, feet	25	50
Diameter of case, inches	21/4	23/4
Each 8	3.75	4.58

# RIVAL JUNIOR



Nickel-plated steel case. Folding flush handle. 1/4-inch steel tape. Marked in feet, inches and sixteenths—instantaneous reading—the foot mark at every inch as described on page 90. Slightly over half the size and weight of the regular Rival Tape. To obtain this, however, durability has not been sacrificed.

donn't mue mor occur ouce.				
Nos	1240	1243	1245	1246
Length, feet	25	50	75	100
Diameter of case, inches	21/4	23/4	31/4	35/8
Each \$	2.50	3.00	4.00	5.00
One	in a b	OX.		



# LUFKIN MEASURING TAPES

#### POCKET STEEL



Nickel-plated brass case. Round edge. Spring wind, with center stop. 1/4-inch steel tape. Marked in inches and sixteenths.

Nos.	143	145	146	148
Length, inches	36	60	72	96
Per dozen	\$ 7.00	9.00	10.00	14.00
One-half	dozen	in a box.		

#### ARTISAN STEEL



Nickel-plated case, 3/g-inch steel tape. Marked in feet, inches and sixteenths.

Nos.,	108	112	115	120
Length, feet	8	12	15	20
Diameter of case, inches	2	2	23/4	23/4
Per dozen \$	15-00	18.00	21.00	24.00
One-half	dozen	in a how		

### BRILLIANT



No. 53.—50 feet. Nickel-plated steel case. Practically flush winding device. ½-inch closely woven cotton tape, well coated and nicely printed. Marked in feet, inches and quarters. A handy tape for farm or household use.



No. 3143.—36 inches. Nickelplated case. Spring wind and center stop. ¼-inch steel tape. Marked in inches and sixteenths. Packed in handsome gold embossed leatherette display box...Per dozen \$ 4.00

One dozen in display carton.

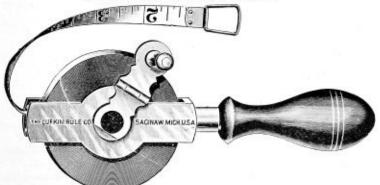
#### UNIVERSAL POCKET



No. 165.—60 inches. Nickelplated case. Spring wind and center stop. 1/4-inch good quality, painted tape. Marked in inches and eighths . . . . . . Per dozen \$ 1.60

One dozen in a display case.

#### GERMANIA FRAME, STEEL



Folding winding handle. Nickel-plated brass frame and trimmings. Rosewood handle. Made strong and serviceable. %-inch steel tape. Marked in feet inches and cighths.

steel tape. Marked in feet, inches and eightins.			
Nos	283	285	286
Length, feet	50	75	100
Each \$	4.50	6.25	7.75
1/2-inch steel tape. Marked in feet, inches	and	eighths.	
Nos	293	295	296
Length, feet	50	75	100
Each \$	5.25	7.50	9.00

Germania tapes, for surveyors' use (marked in feet, tenths, and hundredths), can be furnished at same prices. Add to number, letter D; as, 283D, 293D, etc.

"STERLING BRAIND FOR QUALITY STANDS"

#### LUMBER GAUGES



One dozen in a box.

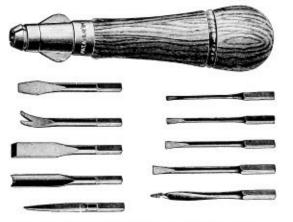


# AWLS AND TOOLS

No. 82

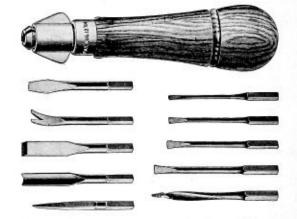


No. 62



One-half dozen in a box.

Nos. 161 and 160



No. 161.—Cocobolo handle, 6 in. in length. Nickelel plated thumb nut and gripe, complete with 10 tools, assorted.......Per dozen \$ 8.00 No. 160.—Applewood handle, 6 inches in length.

No. 160.—Applewood handle, 6 inches in length. Nickel-plated thumb nut and gripe, complete with 10 tools, assorted. Per dozen \$ 6.00 One-half dozen in a box.

No. 132



One-half dozen in a box.

No. 120



One-half dozen in a box.



### **AWLS**

#### PATENT PEG

No. 40.—Cast steel. Short start. Assorted sizes (For use in handle No. 6).....Per gross \$ .80 One gross in a box.

#### PATENT SEWING

#### PATENT HARNESS

No. 150.—Cast steel. Assorted sizes.....Per gross \$ 2.50 One gross in a box.

#### PATENT BRAD

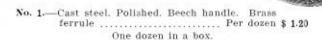
#### 

No. 120.—Cast steel. Assorted sizes, . . . . Per gross \$ 2.50 One gross in a box.

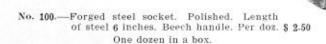
#### HANDLED BRAD AWLS



#### HANDLED SCRATCH AWLS



#### SOCKET SCRATCH AWLS



#### PACKING NEEDLES

#### Packing Needles, Bent. Extra large Eye.

 Inches
 3
 4
 5
 6

 Per dozen
 \$ .30
 .30
 .30
 .40

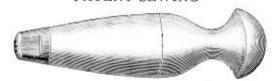
 Three dozen in a package.
 Twelve dozen in a box.

# AWL HANDLES

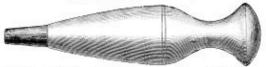
#### PATENT PEG



#### PATENT SEWING



#### COMMON SEWING



#### BRAD AWL



No. 25.—Turned handle. Brass ferrule. Per dozen \$ .80 Three dozen in a box.

#### CHALK LINE REELS



#### CHALK LINE REELS AND AWLS



No. 14.—Reels, with steel scratch awls. Per dozen \$ 1.50 One dozen in a box.

# PLUMB BOBS





No. 2.—Japanned cast iron. Adjusted top. Weight, 9½ ounces each............. Per dozen \$ 1.50

One dozen in a box.





Japanned cast iron. Adjusted top.

No. 00.—Weight, 1 pound, 2 ounces each. Per doz. \$ 2.50

One-half dozen in a box.

No. 0.—Weight, 2 pounds, 10 oz. each. Per doz. \$ 5.00 Loose, not packed.



Japanned cast iron. Adjusted top.
No. 22.—Weight, 2 pounds each...........Per dozen \$ 3.60

Loose, not packed.





No. 31.—Cast iron. Japanned. Adjusted top.
Weight, 1 pound, 2 oz. each. Per dozen \$ 2.40
No. N30.—Cast iron, nickel-plated. Adjusted top.
Weight 12 ounces each. Per dozen
No. 10.—Hexagon steel, machined, polished and heavily nickeled. Screw button. Can't roll. Weight 8 ounces each. Per dozen
One-half dozen in a box.

Nos. 5, 6 and 8



Cast brass. Hardened cast steel point. Screw top. No. 5.—Weight, 6 ounces each...... Per dozen \$ 6.50 No. 6.—Weight,  $11\frac{1}{2}$  ounces each..... " 9.00 No. 8.—Weight, 16 ounces each...... " 10.00

One-half dozen in a box.

Nos. 11, 12 and 13



Perfection, Highly polished brass, Steel spindle. Projecting rim or bead to protect body. Each bob with cord attached. Packed in solid wood box fitted to size.

 No. 11.—Weight, 8 ounces.
 Each \$ 1.20

 No. 12.—Weight, 14 ounces.
 " 1.50

 No. 13.—Weight, 1 pound, 8 ounces.
 " 2.00

One in a box.



# LIST PRICES FILES AND RASPS

LIST OF NOV. 1, 1899.

PER DOZEN.

	MILL	AND B	OUND		FLAT.			Se	QUARE		HAND	AND P	ILLAR		HLF. RI	D. & THI	REE SQ
INCH	Bastard	2d Cut.	Smooth.	Bastard	2d Cut.	Smooth.	INCH	Bastard	2d Cut.	Smooth.	Bastard	2d Cut.	Smooth.	INCH	Bastard	ed Cut.	Smooth.
4	3.00	3.50	3.90	3.70	4.30	4.70	4 !	3.80	4.60	4.96	3.70	4.30	4.80	4	4.80	5.60	6.10
5	3.20	3.89 4.00	4.10 4.50	3.90 4.30	4.60	4.90 5.30	5	4.10	4.80 5.10	5.30	3.90 4.30	4.70	5.30	5 6	6.10	6.10	6.40 7.10
7	3.90	4.60	4.90	4.80	5.50	6.10	7	5.10	5.80	6.30	4.90	5.10	5.60 6.30	7	7.00	7.70	8.20
8	4.30	4.90	5.40	5.30	6.10	6.60	8	5.50	6.30	7.00	5.40	6.30	6.70	8	7.50	8.30	8.90
9	4.90	5.80	6.30	6.30	7.20	7.90	9	6.60	7.70	8.30	6.70	7.80	3.30	9	8.50	9.40	9.90
10	6.70	7.80	7.00 8.50	7.00 8.60	8.10 9.80	8.70 10.70	10	9.10	8.50 10.40	9.10	7.50	8.70	9.40	10	9.10	10.10	10.7
12	7.50	8.60	9.40	9.70	11.00	12.10	12	10.20	11.50	12.80	9.40	10.90	11.80	12	10.70	11.80	12.7
13	9.40	10.70	11.70	11.90	13.60	14.70	13	12.50	14.30	15.40	13.30	15.20	16.20	13	14.10	15.40	16.6
14	10.70	12.20	13.10	13.30	15.30	16.70	14	13.90	16.10	17.50	15.00	17.00	18.20	14	15.50	17.00	18.3
15	13.10	15.00	16.10 17.90	16.00	18.30 20.10	20.00	15 16	16.90	19.20 21.20	20.90	17.90	20.60	21.70	15	18.50	20.40	21.7
16 17	14.70	16.80	21.70	21.50	24.20	26.50	17	22.50	25.40	27.50	20.10	27.10	24.20	16 17	20.60	22.50	24.20
18	20.20	22.70	24.30	23.90	26.80	29.20	18	25.10	28.20	30.40	26.80	29.90	31.50	18	27.50	29.90	32.0
19	24.60	27.50	29.40	28.40	31.60	34.60	19	29.70	33.20	35.70	31.90	35.40	37.60	19	32.80	35.70	38.1
20	27.40	30.70	32.90	31.50	35,30   Blunt)	38.30	20	32.80	36.70   advance	39.30	35.10	39.20	41.60	20	36.20	39.40 ake Basta	42.30
dill N dill N dill T	bl. Cut, larrow Po lachine 'riangular rs' Own, a	& Sq.	1	ad	vance 2						ad Rea	per, adva , on 2d. (	ince	Feather Tumble High B Half Re	r edge (bl) r ack	unt i	. 5 .
	One	MILL Round	Edge.	Two	MILL Round	Edges.		TAP	ERS.		LIM PERS.		DSAW of Taper.		SAW	CANT	CROS
NCH	Bastard	Cut.	Smooth.	Bastard	Cut	Smooth.	INCH	Single	Double	Single	Double	gular	Slim.	NCH	ingle	ingle	Single
ž	m	0	50	- B	3	20	1	80	ÃÕ	2.5	ĂÕ	흞	2	Z	85	200	85
4 5 6 7 8 9 10 11 12	3.40 3.60 3.90 4.40 4.80 5.50 6.30 7.50 8.40	3.90 4.30 4.50 5.20 5.50 6.50 7.20 8.80 9.70	4.40 4.60 5.10 5.50 6.10 7.10 7.90 9.60 10.60	3.80 4.00 4.40 4.90 5.40 6.10 7.00 8.40 9.40	3 4.40 4.80 5.00 5.80 6.10 7.30 8.00 9.80 10.80	4.90 5.10 5.60 6.10 6.80 7.99 8.80 10.60 11.80	3 3½ 4 4½ 5 5 5½ 6 7 8	2.10 2.10 2.20 2.40 2.60 3.00 3.40 4.30 5.40	2.50 2.50 2.90 3.10 3.50 4.00 4.70 5.60 6.70	2.10 2.20 2.30 2.50 2.90 3.10 3.80 4.50	2.50 2.50 2.60 3.00 3.20 3.50 3.90 4.50 5.30	2.50 2.50 2.90 3.10 3.50 4.00 4.70 5.60 6.70	2.50 2.50 2.60 3.00 3.20 3.50 3.90 4.50 5.30	4 5 6 7 8 9 10 11 12	4.80 5.40 6.10 7.00 7.50 8.50 9.10 10.70 11.80	4.30 4.70 5.40 6.10 6.40 7.80 8.70 10.40 11.40	4.80 5.40 6.10 7.50 8.50 9.10 10.70
4 5 6 7 8 9 10 11 12 13	3.40 3.60 3.90 4.40 4.80 5.50 6.30 7.50 8.40 10.60	3.90 4.30 4.50 5.20 5.50 6.50 7.20 8.80 9.70 12.00	4.40 4.60 5.10 5.50 6.10 7.10 7.90 9.60 10.60 13.20	3.80 4.00 4.40 4.90 5.40 6.10 7.00 8.40 9.40 11.80	4.40   4.80   5.00   5.80   6.10   7.30   8.00   9.80   10.80   13.40	4.90 5.10 5.60 6.10 6.80 7.99 8.80 10.60 11.80 14.60	3 3½ 4 4½ 5 5½ 6 7 8	2.10 2.10 2.20 2.40 2.60 3.00 3.40 4.30 5.40 6.60	2.50 2.50 2.90 3.10 3.50 4.00 4.70 5.60 6.70 8.10	2.10 2.10 2.20 2.30 2.50 2.90 3.10 3.80 4.50 5.40	2.50 2.50 2.60 3.00 3.20 3.50 3.90 4.50 5.30 6.30	2.50 2.50 2.90 3.10 3.50 4.00 4.70 5.60 6.70 8.10	2.50 2.50 2.60 3.00 3.20 3.50 3.90 4.50 5.30 6.30	4 5 6 7 8 9 10 11 12 Clims	4.80 5.40 6.10 7.00 7.50 8.50 9.10 10.70 11.80	4.30 4.70 5.40 6.10 6.40 7.80 8.70 10.40 11.40 2 in.	4.8 5.4 6.1 7.0 7.5 8.5 9.1 10.7 11.8
4 5 6 7 8 9 10 11 12	3.40 3.60 3.90 4.40 4.80 5.50 6.30 7.50 8.40	3.90 4.30 4.50 5.20 5.50 6.50 7.20 8.80 9.70	4.40 4.60 5.10 5.50 6.10 7.10 7.90 9.60 10.60	3.80 4.00 4.40 4.90 5.40 6.10 7.00 8.40 9.40	4.40   4.80   5.00   5.80   6.10   7.30   8.00   9.80   10.80	4.90 5.10 5.60 6.10 6.80 7.99 8.80 10.60 11.80	3 3½ 4 4½ 5 5 5½ 6 7 8	2.10 2.10 2.20 2.40 2.60 3.00 3.40 4.30 5.40	2.50 2.50 2.90 3.10 3.50 4.00 4.70 5.60 6.70	2.10 2.20 2.30 2.50 2.90 3.10 3.80 4.50	2.50 2.50 2.60 3.00 3.20 3.50 3.90 4.50 5.30 6.30	2.50 2.50 2.90 3.10 3.50 4.00 4.70 5.60 6.70	2.50 2.50 2.60 3.00 3.20 3.50 3.90 4.50 5.30	4 5 6 7 8 9 10 11 12 Clims Rd.	4.80 5.40 6.10 7.00 7.50 8.50 9.10 10.70 11.80 Ex. adv. B'd. R.	4.30 4.70 5.40 6.10 6.40 7.80 8.70 10.40 11.40 2 in.	4.8 5.4 6.1 7.0 7.5 8.5 9.1 10.7 11.8 on H leting ice.
4 5 6 7 8 9 10 11 12 13 14 15 16	3.40 3.60 3.90 4.40 4.80 5.50 6.30 7.50 8.40 10.60 12.00 14.70 16.50	3.90 4.30 4.50 5.20 5.50 6.50 7.20 8.80 9.70 12.00 13.70 16.90	4.40 4.60 5.10 5.50 6.10 7.10 7.90 9.60 10.60 13.20 14.70 18.10 20.10	3.80 4.00 4.40 4.90 5.40 6.10 7.00 8.40 9.40 11.80 13.40 16.40 18.40	4.40   4.80   5.00   5.80   6.10   7.30   8.00   9.80   10.80   13.40   15.30   18.80   21.00	4.90 5.10 5.60 6.10 6.80 7.90 8.80 10.60 11.80 14.60 16.40 20.10 22.40	3 3 <sup>1</sup> / <sub>2</sub> 4 4 <sup>1</sup> / <sub>2</sub> 5 5 <sup>1</sup> / <sub>2</sub> 6 7 8 9 10 11 12	2.10 2.20 2.40 2.60 3.00 3.40 4.30 5.40 6.60 8.10 10.70 12.50	2.50 2.50 2.90 3.10 3.50 4.70 5.60 6.70 8.10 9.70 12.10 14.70	2.10 2.20 2.30 2.50 2.90 3.10 3.80 4.50 5.40 6.40 8.30 9.50	2.50 2.50 2.60 3.00 3.20 3.50 3.90 4.50 5.30 6.30 7.50 9.10	2.50 2.50 2.90 3.10 3.50 4.00 4.70 5.60 6.70 8.10 9.70 12.10 14.70	2.50 2.50 2.60 3.00 3.20 3.50 3.90 4.50 5.30 6.30 7.50 9.10	4 5 6 7 8 9 10 11 12 Clims Rd.	4.80 5.40 6.10 7.00 7.50 8.50 9.10 10.70 11.80 Ed. Ed. Ed. Ed. Ed. Ed. Ed. Ed. Ed. Ed.	4.30 4.70 5.40 6.10 6.40 7.80 8.70 10.40 11.40 2 in. dd. Gullsaw pr	4.86 5.44 6.16 7.00 7.55 8.5 9.1 10.7 11.8 on H leting ice.
4 5 6 7 8 9 10 11 12 13 14 15 16 17	3.40 3.60 3.90 4.40 4.80 5.50 6.30 7.50 8.40 10.60 12.00 14.70 16.50 20.50	3.90 4.30 4.50 5.20 5.50 6.50 7.20 8.80 9.70 12.00 13.70 16.90 18.90 22.70	4.40 4.60 5.10 5.50 6.10 7.10 7.90 9.60 10.60 13.20 14.70 18.10 20.10 24.40	3.80 4.00 4.40 4.90 5.40 6.10 7.00 8.40 9.40 11.80 13.40 18.40 22.80	4.40   4.80   5.00   5.80   6.10   7.30   8.00   9.80   10.80   13.40   15.30   18.80   21.00   25.30	4.90 5.10 5.60 6.10 6.80 7.99 8.80 10.60 11.80 14.60 16.40 20.10	3 3½ 4 4½ 5 5 5½ 6 7 8 9	2.10 2.10 2.20 2.40 2.60 3.00 3.40 4.30 5.40 6.60 8.10	2.50 2.50 2.90 3.10 3.50 4.00 4.70 5.60 6.70 8.10 9.70 12.10	2.10 2.10 2.20 2.30 2.50 2.90 3.10 3.80 4.50 5.40 6.40 8.30	2.50 2.50 2.60 3.00 3.20 3.50 3.90 4.50 5.30 7.50 9.10 11.00	2.50 2.50 2.90 3.10 3.50 4.00 4.70 5.60 6.70 8.10 9.70 12.10	2.50 2.50 2.60 3.00 3.20 3.50 3.90 4.50 5.30 6.30 7.50 9.10	4 5 6 7 8 9 10 11 12 Clims Rd.	4.80 5.40 6.10 7.00 7.50 8.50 9.10 10.70 11.80 Ex. adv. B'd. R.	4.30 4.70 5.40 6.10 6.40 7.80 8.70 10.40 11.40 2 in.	4.86 5.46 6.16 7.00 7.55 8.55 9.11 10.77 11.88 on H letting ice.
4 5 6 7 8 9 10 11 12 13 14 15 16	3.40 3.60 3.90 4.40 4.80 5.50 6.30 7.50 8.40 10.60 12.00 14.70 16.50 20.50 22.70	3.90 4.30 4.50 5.20 5.50 6.50 7.20 8.80 9.70 12.00 13.70 16.90	4.40 4.60 5.10 5.50 6.10 7.10 7.90 9.60 10.60 13.20 14.70 18.10 20.10 24.40 27.30	3.80 4.00 4.40 4.90 5.40 6.10 7.00 8.40 9.40 11.80 16.40 18.40 22.80 25.30	4.40   4.80   5.00   5.80   6.10   7.30   8.00   9.80   10.80   13.40   15.30   18.80   21.00	4.90 5.10 5.60 6.10 6.80 7.99 8.80 10.60 11.80 14.60 16.40 20.10 22.40 27.10	3 3½3 4 4½5 5 5½6 7 8 9 10 11 12 13	2.10 2.20 2.40 2.60 3.00 3.40 4.30 5.40 6.60 8.10 10.70 12.50 15.90 18.20	2.50 2.50 2.90 3.10 3.50 4.00 4.70 5.60 6.70 8.10 9.70 12.10 14.70 17.50	2.10 2.20 2.30 2.50 2.90 3.10 3.80 4.50 5.40 6.40 8.30 9.50	2.50 2.50 2.60 3.20 3.50 3.90 4.50 5.30 6.30 7.50 9.10 11.00 13.10	2.50 2.50 2.90 3.10 3.50 4.00 4.70 5.60 6.70 8.10 9.70 12.10 14.70 17.50 20.60	2.50 2.50 2.60 3.00 3.20 3.50 3.50 4.50 5.30 6.30 7.50 9.10 11.00	10 Clims Rd. 1 Doubl 7 3.50	4.80 5.40 6.10 7.00 7.50 8.50 9.10 10.70 11.80 ax. adv. B'd. P. take Pittle Ende	4.30 4.70 5.40 6.10 6.40 7.80 8.70 10.40 11.40 2 in. dd. Gull saw pr r with	4.8 5.4 6.1 7.0 7.5 8.5 9.1 10.7 11.8 on H leting ice. Hand
4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	3.40 3.60 3.90 4.480 5.50 6.30 7.50 8.40 10.60 12.00 14.70 16.50 20.50 22.70	3.90 4.30 4.50 5.20 5.50 6.50 7.20 12.00 12.00 16.90 16.90 22.70 25.50	4.40 4.60 5.10 5.10 6.10 7.10 7.90 9.60 10.60 13.20 14.70 18.10 20.10 24.40 27.30	3.80 4.00 4.40 4.90 5.40 6.10 7.00 8.40 9.40 11.80 13.40 16.40 12.80 22.80 25.30	1 4.40 4.80 5.80 6.10 7.30 8.00 10.80 115.30 15.30 21.00 25.30 28.40	4.90 5.10 5.60 6.10 6.80 7.99 8.80 10.60 11.80 14.60 20.10 22.40 27.10 30.40	3 3 <sup>1</sup> / <sub>2</sub> 4 4 <sup>1</sup> / <sub>2</sub> 5 5 <sup>1</sup> / <sub>2</sub> 6 7 8 9 10 11 12 13 14	2.10 2.10 2.20 2.40 2.60 3.00 3.40 4.30 5.40 6.60 8.10 10.70 12.50 15.90 18.20	2.50 2.50 3.10 3.50 4.00 4.70 5.60 6.70 8.10 9.70 12.10 14.70 17.50 20.60	2.10 2.20 2.30 2.50 2.90 3.10 3.80 4.50 5.40 6.40 8.30 9.50 12.10 13.80	2.50 2.50 2.60 3.00 3.20 3.50 3.50 4.50 5.30 6.30 7.50 19.10 11.00 13.10 15.40	2.50 2.50 2.90 3.10 3.50 4.90 4.70 5.60 6.70 8.10 9.70 12.10 14.70 17.50 20.60	2.50 2.50 2.50 3.00 3.20 3.50 3.90 4.50 6.30 7.50 9.10 13.10 15.40	1 5 6 7 8 9 10 11 12 Clims Rd. 7 3.50	4.80 5.40 6.10 7.00 7.50 8.50 9.10 10.70 11.80 EX. adv. B'd. Pit le Ende	4.30 4.70 5.40 6.10 6.40 7.80 8.70 10.40 2 in. dd. Gullsaw prir with 9 4.40	4.8 5.4 6.1 7.0 7.5 8.5 9.1 10.7 11.8 on H leting ice. Hand
4 5 6 7 8 9 10 11 12 13 14 15 16 17	3.40 3.60 3.90 4.40 4.80 5.50 6.30 7.50 8.40 10.60 12.00 14.70 16.50 20.50 22.70	3.90 4.30 4.50 5.50 6.50 7.20 8.80 9.70 12.00 13.70 18.90 22.70 25.50	4.40 4.60 5.10 5.50 6.10 7.10 7.90 9.60 10.60 13.20 14.70 18.10 20.10 24.40 27.30	3.80 4.00 4.40 4.90 5.40 6.10 7.00 8.40 9.40 11.80 16.40 18.40 22.80 25.30	1 4.40 4.80 5.00 5.80 6.10 7.30 8.00 9.80 10.80 115.30 18.80 21.00 25.30 28.40	4.90 5.10 5.60 6.10 6.80 7.99 8.80 10.60 11.80 14.60 20.10 22.40 27.10 30.40	3 3½3 4 4½5 5 5½6 7 8 9 10 11 12 13	2.10 2.20 2.40 2.60 3.00 3.40 4.30 5.40 6.60 8.10 10.70 12.50 15.90 18.20	2.50 2.50 3.10 3.50 4.00 4.70 5.60 8.10 9.70 12.10 14.70 17.50 20.60	2.10 2.10 2.20 2.30 2.50 2.90 3.10 3.80 4.50 6.40 6.40 8.30 9.50 12.10 13.80	2.50 2.50 2.50 3.00 3.20 3.50 4.50 5.30 6.30 7.50 9.10 11.00 13.10 15.40 WOOD	2.50 2.50 2.90 3.10 3.50 4.00 4.70 6.70 8.10 9.70 12.10 14.70 17.50 20.60 FILES	2.50 2.50 2.50 3.00 3.20 3.50 3.90 4.50 5.30 6.30 7.50 9.10 11.00 13.10 WOOD	4 5 6 7 8 8 9 10 111 12 12 Clims Rd. 1 Double 7 3.50	4.80 5.40 6.10 7.00 7.50 8.50 9.10 10.70 11.80 B'd. R sake Pit le Ende 8 3.90	4.30 4.70 5.40 6.10 6.40 7.80 8.70 10.40 11.40 12 in. id. Gullsaw pr r with 9 4.40	4.8 5.4 6.1 7.0 7.5 8.5 9.1 10.7 11.8 on Heleting ice. Hand 4.9 RASE
4 5 6 6 7 8 9 10 11 12 13 14 15 16 17 18	3.40 3.60 3.90 4.40 4.80 5.50 6.30 7.50 8.40 10.60 12.00 14.70 16.50 20.50 22.70	3.90 4.30 4.50 5.20 5.50 6.50 7.20 12.00 13.70 16.90 18.90 22.70 25.50 VARDIN	4.40 4.60 5.10 5.50 6.10 7.10 7.90 9.60 10.60 12.20 14.70 20.10 24.40 27.30	3.80 4.00 4.40 4.90 5.40 6.10 7.00 8.40 9.40 11.80 13.40 18.40 22.80 25.30	1 4.40 4.80 5.00 5.80 6.10 7.30 8.00 10.80 11.80 12.00 25.30 28.40 20.00 25.30 28.40	4.90 5.10 5.60 6.10 6.80 7.99 8.80 10.60 11.80 14.60 20.10 22.40 27.10 30.40	3 3 <sup>1</sup> / <sub>2</sub> 4 4 <sup>1</sup> / <sub>2</sub> 5 5 <sup>1</sup> / <sub>2</sub> 6 7 8 9 10 11 12 13 14	2.10 2.10 2.20 2.40 2.60 3.00 3.40 4.30 5.40 6.60 8.10 10.70 12.50 15.90 18.20	2.50 2.50 3.10 3.50 4.00 4.70 5.60 6.70 8.10 9.70 12.10 14.70 17.50 20.60	2.10 2.20 2.30 2.30 3.50 2.90 3.80 4.50 5.40 6.40 9.50 12.10 13.80	2.50   2.50   2.60   3.00   3.20   3.50   3.50   4.50   5.30   6.30   7.50   9.10   11.00   13.10   15.40   WOOD	2.50 2.50 2.90 3.10 3.50 4.00 4.70 8.10 9.70 12.10 14.70 17.50 20.60 FILES	2.50 2.50 2.50 3.00 3.20 3.50 3.50 3.50 4.50 5.30 6.30 7.50 9.10 11.00 13.10 15.40 WOOD	4 5 6 7 8 9 10 11 12 Clims Rd. 7 3.50 RASPS	4.80 5.40 6.10 7.00 7.50 8.50 9.10 10.70 11.80 EX. adv. B'd. Pit le Ende	4.30 4.70 5.40 6.10 6.40 7.80 8.70 10.40 2 in. dd. Gullsaw prir with 9 4.40	4.8 5.4 6.1 7.0 7.5 8.5 9.1 10.7 11.8 on H leting ice. Hand
4 5 6 6 7 8 9 10 11 12 13 14 15 16 17 18 HONI 4 5	3.40 3.60 3.90 4.40 4.80 5.50 6.30 7.50 8.40 10.60 12.00 14.70 20.50 22.70	3.90 4.30 4.50 5.50 6.50 7.20 8.80 9.70 12.00 13.70 18.90 22.70 25.50 VARDIN	4.40 4.60 5.10 5.50 6.10 7.10 7.90 9.60 10.60 13.20 14.70 18.10 20.10 24.40 27.30	3.80 4.00 4.40 4.90 5.40 6.10 7.00 8.40 11.80 13.40 16.40 22.80 25.30	4.40   4.80   5.80   6.10   7.30   8.00   10.80   13.40   15.30   18.80   21.00   25.30   28.40   21.00   25.30   28.40   21.00   26.10   27.30   28.40   28	4.90 5.10 5.60 6.10 6.80 7.99 8.80 10.60 11.80 14.60 20.10 22.40 27.10 30.40 4.60 6.40 7.10	3 3 <sup>1</sup> / <sub>2</sub> 4 4 <sup>1</sup> / <sub>2</sub> 5 5 <sup>1</sup> / <sub>2</sub> 6 7 8 9 10 11 12 13 14	2.10 2.10 2.20 2.40 2.60 3.00 3.40 4.30 5.40 6.60 8.10 10.70 12.50 15.90 18.20	2.50 2.50 3.10 3.50 4.00 4.70 5.60 6.70 8.10 9.70 12.10 14.70 17.50 20.60	2.10 2.10 2.20 2.30 2.50 2.90 3.10 3.80 4.50 6.40 6.40 8.30 9.50 12.10 13.80	2.50 2.50 2.50 3.00 3.20 3.50 4.50 5.30 6.30 7.50 9.10 11.00 13.10 15.40 WOOD	2.50 2.50 2.90 3.10 3.50 4.00 4.70 6.70 8.10 9.70 12.10 14.70 17.50 20.60 FILES	2.50 2.50 2.50 3.00 3.20 3.50 3.90 4.50 5.30 6.30 7.50 9.10 11.00 13.10 WOOD	4 5 6 7 8 8 9 10 111 12 12 Clims Rd. 1 Double 7 3.50	4.80 5.40 6.10 7.00 7.50 9.10 10.70 11.80 EX. adv. B'd. F. ake Pit le Ende E Bede B 3.90	4.30 4.70 5.40 6.10 6.40 7.80 8.70 10.40 2 in. dd. Gull saw pr r with 9 4.40 SHOE	4.8 5.4 6.1.1 7.0.0 1.1.8 1.0.0 1.1.8 1.0.0 1.1.8 1.0.0 1.1.8 1.0.0 1.1.8 1.0.0 1.0.
4 5 6 6 7 8 9 10 11 12 13 14 15 16 17 18 HONI 4 5 6	3.40 3.60 3.90 4.40 4.80 5.50 6.30 7.50 10.60 12.00 14.70 20.50 22.70	3.90 4.30 4.50 5.20 5.50 6.50 7.20 12.00 13.70 12.00 13.70 14.90 22.70 25.50 VARDD	4.40 4.60 5.10 5.10 6.10 7.10 7.90 9.60 10.60 13.20 14.70 18.10 24.40 27.30 NG	3.80 4.00 4.40 4.90 5.40 6.10 7.00 8.40 9.40 11.80 13.40 18.40 22.80 25.30	1 4.40 4.80 5.00 5.80 6.10 7.30 8.00 10.80 11.80 12.00 25.30 28.40 20.00 25.30 28.40	4.90 5.10 5.60 6.10 6.80 7.99 8.80 10.60 11.80 14.60 20.10 22.40 27.10 30.40	3 3 <sup>1</sup> / <sub>2</sub> 4 4 <sup>1</sup> / <sub>2</sub> 5 5 <sup>1</sup> / <sub>2</sub> 6 7 8 9 10 11 12 13 14	2.10 2.10 2.20 2.40 2.60 3.00 3.40 4.30 5.40 6.60 8.10 10.70 12.50 15.90 18.20	2.50 2.50 3.10 3.50 4.00 4.70 5.60 6.70 8.10 9.70 12.10 14.70 17.50 20.60	2.10 2.20 2.30 2.30 3.50 2.90 3.80 4.50 5.40 6.40 8.30 9.50 12.10 13.80	2.50 2.50 2.50 3.00 3.20 3.50 3.50 4.50 5.30 6.30 7.10 11.00 13.10 15.40 WOOD Ed. 6.10 7.50 8.50	2.50 2.50 2.90 3.10 3.50 4.00 4.70 8.10 9.30 12.10 14.70 17.50 20.60 8.10 9.30 10.10 12.20	2.50 2.50 2.50 3.00 3.20 3.50 3.90 6.30 7.30 6.30 9.10 11.00 13.10 15.40 WOOD	4 5 6 7 8 8 9 10 11 12 Clims Rd. 1 Doub 7 3.50 EASPS	4.80 5.40 6.10 7.00 7.50 8.50 9.10 10.70 11.80 B'd. R sake Pit le Ende B 8 3.90 HO Z	4.30 4.70 5.40 6.10 6.40 7.80 8.70 10.40 11.40 12.in. id. Gullsaw pr r with 9.4.40 SHOE	4.8 5.4 6.1.1 7.0.0 7.5.5 9.1.1 10.7.7 11.8 on Heting ice. Hand 10.4.9 RASH 9.3.0 11.2.20
4 5 6 6 7 8 9 10 11 12 13 14 15 16 17 18 HONI 4 5	3.40 3.60 3.90 4.40 4.80 5.50 6.30 7.50 8.40 10.60 12.00 14.70 20.50 22.70	3.90 4.30 4.50 5.50 6.50 7.20 8.80 9.70 12.00 13.70 18.90 22.70 25.50 VARDIN	4.40 4.60 5.10 5.50 6.10 7.10 7.90 9.60 10.60 12.20 14.70 24.40 27.30 83 5.40 5.90 16.40 5.90 16.40 5.90 16.40 5.90 16.40 5.90 5.90 5.90 6.10 7.90 18.10 7.90 18.10 7.90 18.10 7.90 18.10 7.90 18.10 7.90 18.10 7.90 18.10 7.90 18.10 7.90 18.10 7.90 18.10 7.90 18.10 7.90 18.10 7.90 18.10 7.90 18.1	3.80 4.00 4.40 4.90 5.40 6.10 7.00 8.40 11.80 13.40 22.80 25.30 5.40 6.10 6.90 7.80 8.50	1 4.40 4.80 5.00 5.80 6.10 7.30 8.00 10.80 10.80 12.00 25.30 28.40 21.00 25.30 28.40 20.00	4.90 5.10 5.60 6.10 6.80 7.99 8.80 10.60 11.80 14.60 20.10 22.40 27.10 30.40	3 3 <sup>1</sup> / <sub>3</sub> 4 4 <sup>1</sup> / <sub>2</sub> 5 5 <sup>1</sup> / <sub>2</sub> 6 7 8 9 10 11 12 13 14	2.10 2.10 2.20 2.40 2.60 3.40 4.30 5.40 6.60 8.10 10.70 12.50 15.90 18.20 HORSE	2.50 2.50 2.90 3.10 3.50 4.70 5.60 6.70 8.10 9.70 12.10 14.70 17.50 20.60	2.10 2.20 2.30 2.30 3.50 2.90 3.80 4.50 5.40 6.40 9.50 12.10 13.80 HDNI 67 78 89 910	2.50 2.50 2.60 3.00 3.20 3.50 4.50 5.30 6.30 7.10 11.00 13.10 15.40 WOOD Ed 4.50 7.00 7.00 7.50 9.10	2.50 2.50 2.50 3.10 3.50 4.00 4.70 8.10 9.70 12.10 14.70 17.50 20.60 FILES 8.10 9.30 10.10 12.20 13.70	2.50 2.50 2.50 3.00 3.20 3.50 3.50 3.50 6.30 7.50 9.10 11.00 13.10 15.40 WOOD E E E E B 10.10 9.30 10.10 12.20 13.70	4 5 6 6 7 8 9 10 11 12 Clims Rd. 7 3.50 FASPS	4.80 5.40 6.10 7.00 7.50 9.10 10.70 11.80 Ex. adv. B'd. F. adv. B'd. E. adv. B'd. E. adv. B'd. F. adv. B'd. E. adv. B'd. B'd. B'd. B'd. B'd. B'd. B'd. B'd	4.30 4.70 5.40 6.10 6.40 7.80 8.70 10.40 11.40 2 in. d. Gul saw pr r with 9 4.40 SHOE 8.10 9.30 10.10 12.20 12.20 13.70	4.8 5.4 6.1.1 7.0.0 7.5 5.4 9.1.1 10.7 7.5 9.1.1 10.7 11.8 0 1 10.4 4.5 11.8 11.8 11.8 11.8 11.8 11.8 11.8 11
4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 HONI 4 5 6 7 8 9	3.40 3.60 3.90 4.40 4.80 5.50 6.30 7.50 8.40 10.60 12.00 14.70 16.50 20.50 22.70	3.90 4.30 4.50 5.50 6.50 7.20 8.80 9.70 12.00 13.70 18.90 22.70 25.50 VARDIN 4.80 5.30 6.90 7.50 6.90 7.50 9.00	4.40 4.60 5.10 7.10 7.10 7.90 10.60 13.20 14.70 18.10 20.10 24.40 27.30 8.20 5.80 6.40 7.50 8.20 9.90	3.80 4.00 4.40 4.90 5.40 6.10 7.00 8.40 11.80 13.40 16.40 22.80 25.30 5.40 6.10 6.90 7.80 8.50 9.40	4.40   4.80   5.80   6.10   7.30   8.00   10.80   10.80   15.30   18.80   21.00   25.30   28.40   21.00   7.50   6.70   7.50   9.50   9.50 	4.90 5.10 5.60 6.10 6.80 7.99 8.80 10.60 11.80 14.60 20.10 22.40 27.10 30.40 4.60 6.40 7.10 7.90 8.90 6.40 7.90 8.90 6.10	3 3 <sup>1</sup> / <sub>3</sub> 4 4 <sup>1</sup> / <sub>2</sub> ; 5 5 <sup>1</sup> / <sub>2</sub> 6 7 8 9 10 11 12 13 14	2.10 2.10 2.20 2.40 2.60 3.00 3.40 6.60 3.10 10.70 12.50 15.90 18.20 HORSE	2.50 2.50 2.50 3.10 3.50 4.00 4.70 8.10 9.70 12.10 14.70 17.50 20.60 RASPS	2.10 2.20 2.30 2.50 2.90 3.80 4.50 5.40 6.40 8.30 9.50 12.10 13.80 HDN 8.90 11.10	2.50 2.50 2.50 3.00 3.20 3.50 3.50 4.50 5.30 6.30 7.50 11.00 13.10 15.40 WOOD 2 2 4 6.10 7.50 8.50 9.10	2.50 2.50 2.50 3.10 3.50 4.00 4.70 5.60 6.70 8.10 9.70 12.10 17.50 20.60 FILES 8.10 9.30 10.10 12.20 13.70 16.80	2.50 2.50 2.50 3.00 3.20 3.50 3.50 4.50 6.30 7.50 9.10 11.00 13.10 15.40 WOOD 2 2 3 3 10.10 12.20 13.70 16.80	4 5 6 7 8 9 10 11 12 Clims Rd. 7 3.50 EASPS	4.80 5.40 6.10 7.00 7.50 8.50 9.10 10.70 11.80 B'd. R sake Pit le Ende B 8 3.90 HO Z	4.30 4.70 5.40 6.10 6.40 7.80 8.70 10.40 11.40 12.in. 6.4 Gullsaw pr r with 9.4.40 SHOE	4.8 5.4.4 6.1.1 7.0.0 7.5.5 8.5.5 9.1.1 10.7.1 11.8 6.8 11.9 3.0 10.1.1 12.2.2 11.3.7 11.8 11.2 11.3.7 11.8 11.2 11.3 11.3 11.3 11.3 11.3 11.3 11.3
4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 HONI 4 5 6 7 8 9 9 10	3.40 3.60 3.90 4.40 4.80 5.50 6.30 7.50 10.60 12.00 14.70 20.50 22.70 V	3.90 4.30 4.50 5.20 5.50 6.50 7.20 8.80 9.70 12.00 13.70 16.90 22.70 25.50 VARDD 4.80 5.30 5.90 6.90 7.50 9.00 10.10	4.40 4.60 5.10 5.10 6.10 7.10 7.90 9.60 10.60 13.20 14.70 18.10 24.40 27.30 VG	3.80 4.00 4.40 4.40 5.40 6.10 7.00 8.40 11.80 13.40 16.40 22.80 25.30 PEEEEEEEEEEEEEEEEEEEEEEEEEEEEEEEEEEE	4.40   4.80   5.00   5.80   6.10   7.30   8.00   10.80   13.40   15.30   21.00   25.30   28.40   21.00   7.50   8.50   9.50   10.50   10.50	4.90 5.10 5.60 6.10 6.80 7.99 8.80 10.60 11.80 14.60 20.10 22.40 27.10 30.40 27.10 30.40 27.10 7.90 8.90 9.50 11.30 11.30	3 3 <sup>1</sup> / <sub>2</sub> 4 4 <sup>1</sup> / <sub>2</sub> 5 5 <sup>1</sup> / <sub>2</sub> 6 7 8 9 10 11 12 13 14 HONI	2.10 2.10 2.20 2.40 2.60 3.40 4.30 5.40 6.60 8.10 10.70 12.50 15.90 HORSE	2.50 2.50 2.90 3.10 3.50 4.70 5.60 6.70 8.10 9.70 12.10 14.70 17.50 20.60	2.10 2.20 2.30 2.30 3.50 2.90 3.80 4.50 5.40 6.40 9.50 12.10 13.80 HONL 6.7 7 8 8 9	2.50 2.50 2.60 3.00 3.20 3.50 4.50 5.30 6.30 7.10 11.00 13.10 15.40 WOOD Ed 4.50 7.00 7.00 7.50 9.10	2.50 2.50 2.50 3.10 3.50 4.00 4.70 8.10 9.70 12.10 14.70 17.50 20.60 FILES 8.10 9.30 10.10 12.20 13.70	2.50 2.50 2.50 3.00 3.20 3.50 3.50 3.50 6.30 7.50 9.10 11.00 13.10 15.40 WOOD E E E E B 10.10 9.30 10.10 12.20 13.70	4 5 6 6 7 8 9 10 11 12 Clims Rd. 7 3.50 FASPS	4.80 5.40 6.10 7.00 7.50 8.50 9.10 10.70 11.80 B'd. R sake Pit le Ende H 8 3.90  H 07 8 9 10 11 12 13	4.30 4.70 5.40 6.10 6.40 7.80 8.70 10.40 11.40 2 in. d. Gulssaw pr r with 9 4.40 SHOE 8.10 9.30 10.10 12.20 13.70 16.80 18.70 22.40	4.8 5.4.1 7.0.0 7.5.5 8.5.5 8.5.1 10.7.7.5 11.8 9.1 10.7.1 11.8 9.1 10.7 11.8 9.1 10.1 11.8 11.8 11.8 11.8 11.8 11.8 11
4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 HONI 4 5 6 7 8 9 10 11	3.40 3.60 3.90 4.40 4.80 5.50 6.30 7.50 8.40 10.60 12.00 14.70 16.50 22.70 V	3.90 4.30 4.50 5.20 5.50 6.50 7.20 12.00 16.90 16.90 22.70 25.50 VARDIN 4.80 5.90 6.90 7.50 9.00 10.10 12.70	4.40 4.60 5.10 7.10 7.10 7.90 10.60 13.20 14.70 18.10 20.10 24.40 27.30 8.20 5.80 6.40 7.50 8.20 9.90	3.80 4.00 4.40 4.90 5.40 6.10 7.00 8.40 11.80 13.40 16.40 22.80 25.30 5.40 6.10 6.90 7.80 8.50 9.40	4.40   4.80   5.80   6.10   7.30   8.00   10.80   10.80   15.30   18.80   21.00   25.30   28.40   21.00   7.50   6.70   7.50   9.50   9.50 	4.90 5.10 5.60 6.10 6.80 7.99 8.80 10.60 11.80 14.60 20.10 22.40 27.10 30.40 4.60 6.40 7.10 7.90 8.90 6.40 7.90 8.90 6.10	3 3 <sup>1</sup> / <sub>3</sub> 4 4 <sup>1</sup> / <sub>2</sub> 5 5 <sup>1</sup> / <sub>2</sub> 6 7 8 9 10 11 12 13 14 HONI	2.10 2.10 2.20 2.40 2.60 3.00 3.40 6.60 8.10 10.70 12.50 18.20 HORSE 4 9.40 11.40 12.80 15.20 17.80	2.50 2.50 2.50 3.10 3.50 4.70 5.60 6.70 8.10 9.70 12.10 14.70 17.50 20.60 15.20 15.20 15.20 16.80 19.60 23.10	2.10 2.20 2.30 2.30 3.50 2.90 3.80 4.50 5.40 6.40 12.10 13.80 HDNI 6 77 8 8 9 10 11 12 13	2.50 2.50 2.50 3.00 3.20 3.50 4.50 5.30 6.30 7.50 11.00 13.10 15.40 WOOD Ed 4.50 7.00 7.00 7.00 7.00 7.00 7.50 9.10 11.00	2.50 2.50 2.50 3.10 3.50 4.00 4.70 5.60 6.70 8.10 9.70 12.10 14.70 17.50 20.60 FILES 8.10 9.30 10.10 9.30 10.10 12.20 13.70 16.80 18.70 22.40 22.40	2.50 2.50 2.50 3.00 3.20 3.50 3.50 3.50 4.50 5.30 6.30 7.50 9.10 11.00 13.10 15.40 WOOD 3.10 9.30 10.10 12.20 13.70 16.80 18.70 22.40 22.40 22.40	4 5 6 6 7 8 9 10 11 12 Clims Rd. 7 3.50	4.80 5.40 6.10 7.00 7.50 9.10 10.70 11.80 Exake Pit lee Ende Ende 8 3.90  HOND 6 7 8 9 10 11 12	# 4.30 4.70 5.40 6.10 6.40 7.80 8.70 10.40 2 in. d. Gullsaw pr r with 9 4.40 SHOE 8.10 9.30 10.10 12.20 13.70 16.80 18.70	4.8 5.4.1 7.0.0 7.5.5 8.5.5 8.5.1 10.7.7.5 11.8 9.1 10.7.1 11.8 9.1 10.7 11.8 9.1 10.1 11.8 11.8 11.8 11.8 11.8 11.8 11
4 5 6 6 7 8 9 10 11 12 13 14 15 16 17 18 HONI 4 5 6 6 7 8 9 10	3.40 3.60 3.90 4.40 4.80 5.50 6.30 7.50 10.60 12.00 14.70 20.50 22.70 V	3.90 4.30 4.50 5.50 6.50 7.20 8.80 9.70 12.00 13.70 22.70 25.50 VARDIN 4.80 5.30 6.90 7.50 9.00 10.10 12.70	4.40 4.60 5.10 7.10 7.10 9.60 10.60 13.20 14.70 18.10 20.10 24.40 27.30 8.20 5.40 5.90 6.40 7.50 8.20 9.90 11.00 13.70	3.80 4.00 4.40 4.90 5.40 6.10 7.00 8.40 11.80 13.40 16.40 22.80 25.30 5.40 6.10 6.90 7.80 8.50 9.40 10.10 12.20 13	4.40   4.80   5.80   6.10   7.30   8.00   10.80   10.80   12.30   25.30   28.40   21.00   25.30   28.40   27.50   6.10   6.70   7.50   9.10   10.50   11.50   11.50   11.70   17.90	4.90 5.10 5.60 6.10 6.80 7.99 8.80 10.60 11.80 14.60 20.10 27.10 30.40 4.60 7.10 7.90 8.90 6.40 7.10 7.90 8.90 11.30 12.30 14.61 10.60 10.60 11.80 11.	3 3 <sup>1</sup> / <sub>3</sub> 4 4 <sup>1</sup> / <sub>2</sub> ; 5 <sup>1</sup> / <sub>2</sub> 6 7 8 9 10 11 12 13 14 HONI	2.10 2.10 2.20 2.40 2.60 3.00 3.40 6.60 3.10 10.70 12.50 15.90 18.20 HORSE 9.40 11.40 12.80 15.20 17.80 20.90	2.50 2.50 2.50 3.10 3.50 4.00 4.70 8.10 9.70 12.10 14.70 17.50 20.60 RASPS	2.10 2.20 2.30 2.50 2.90 3.80 4.50 5.40 6.40 9.50 12.10 13.80 HON 8 9.50 12.10 11.10 12.10 11.10	2.50 2.50 2.50 3.00 3.20 3.50 3.50 4.50 5.30 6.30 7.50 11.00 13.10 15.40 WOOD 2 2 4 6.10 7.50 8.50 9.10 10.70 11.80 14.80 14.50	2.50 2.50 2.50 3.10 3.50 4.00 4.70 5.60 6.70 8.10 9.70 12.10 14.70 17.50 20.60 FILES 8.10 9.30 10.10 12.20 13.70 16.80 18.70 22.40 24.80 29.70	2.50 2.50 2.50 3.00 3.20 3.50 3.50 4.50 5.30 6.30 7.50 9.10 11.00 13.10 15.40 WOOD 2.2 3.30 10.10 12.20 13.70 16.80 18.70 22.480 29.70	4 5 6 7 8 9 10 11 12 Clims Rd. 7 3.50 EASPS 10.10 11.70 12.80 15.50 20.70 22.80 26.80 33.90	4.80 5.40 6.10 7.00 7.50 9.10 10.70 11.80 EX. adv. B'd. F. ake Pit le Ende E Bede B 3.90 HONE T. 8 9 10 11 11 11 11 11 11 11 11 11 11 11 11	4.30 4.70 5.40 6.10 6.40 7.80 8.70 10.40 11.40 2 in d. Gulssaw pr r with 9 4.40 SHOE 8.10 9.30 10.10 12.20 13.70 16.80 18.70 22.40 24.80 ST MAI	4.88 5.44 6.11 1.00 1.00 1.00 1.00 1.00 1.00 1.00
4 5 6 7 8 9 10 11 12 13 14 15 16 16 17 18 4 5 6 7 8 9 9 10 11 11 12 13 14 15 16 16 17 18 18 18 18 18 18 18 18 18 18 18 18 18	3.40 3.60 3.90 4.40 4.80 5.50 6.30 7.50 8.40 10.60 12.00 14.70 16.50 22.70 W	3.90 4.30 4.50 5.50 6.50 7.20 8.80 9.70 12.00 13.70 18.90 22.70 25.50 VARDIN 4.80 5.30 6.90 7.50 9.00 10.10 12.70 11.70 11.70 11.70 11.70 11.70 11.70 11.70 11.70 11.70 11.70 11.70 11.70 11.70	4.40 4.60 5.10 5.50 6.10 7.10 7.90 9.60 13.20 14.70 18.10 20.10 24.40 27.30 5.90 6.40 7.50 8.20 9.90 11.00 13.70 15.40 15.90 10.60 1	3.80 4.00 4.40 4.90 5.40 6.10 7.00 8.40 11.80 13.40 16.40 18.40 22.80 25.30 5.40 6.10 6.90 7.80 7.80 9.40 10.10 10	4.40   4.80   5.00   5.80   6.10   7.30   8.00   10.80   13.40   15.30   18.80   21.00   25.30   28.40   21.00   7.50   6.70   7.50   8.50   9.10   10.50   11.50   11.50   11.70   15.20   17.90   19.90	4.90 5.10 5.60 6.10 6.80 7.99 8.80 10.60 11.80 14.60 20.10 22.40 27.10 30.40 6.40 7.10 7.90 8.90 9.50 11.30 12.30 14.60 16.40	3 3 <sup>1</sup> / <sub>3</sub> 4 4 <sup>1</sup> / <sub>2</sub> 5 5 <sup>1</sup> / <sub>2</sub> 6 7 8 9 10 11 12 13 14 HONI	2.10 2.10 2.20 2.40 2.60 3.00 3.40 6.60 8.10 10.70 12.50 18.20 HORSE 4 9.40 11.40 12.80 15.20 17.80	2.50 2.50 2.50 3.10 3.50 4.70 5.60 6.70 8.10 9.70 12.10 14.70 17.50 20.60 15.20 15.20 15.20 16.80 19.60 23.10	2.10 2.20 2.30 2.30 3.50 2.90 3.80 4.50 5.40 6.40 12.10 13.80 HDNI 6 77 8 8 9 10 11 12 13	2.50 2.50 2.50 3.00 3.20 3.50 4.50 5.30 6.30 7.50 11.00 13.10 15.40 WOOD Ed 4.50 7.00 7.00 7.00 7.00 7.00 7.50 9.10 11.00	2.50 2.50 2.50 3.10 3.50 4.00 4.70 5.60 6.70 8.10 9.70 12.10 14.70 17.50 20.60 FILES 8.10 9.30 10.10 9.30 10.10 12.20 13.70 16.80 18.70 22.40 22.40	2.50 2.50 2.50 3.00 3.20 3.50 3.50 3.50 4.50 5.30 6.30 7.50 9.10 11.00 13.10 15.40 WOOD 3.10 9.30 10.10 12.20 13.70 16.80 18.70 22.40 22.40 22.40	4 5 6 6 7 8 9 10 11 12 Clims Rd. 7 3.50	4.80 5.40 6.10 7.00 7.50 9.10 10.70 11.80 IX. adv. B'd. Rake Pittle Ender 8 3.90  HOZ 6 7 8 9 10 11 12 13 14 LA3	# 4.30 4.70 5.40 6.10 6.40 7.80 8.70 10.40 2 in. d. Gullsaw pr r with 9 4.40 SHOE 8.10 9.30 10.10 12.20 13.70 16.80 18.70 2 in. 6.10 10.10	4.8 5.4 6.1.1 7.0 7.5 8.5 5.9 1.1 10.7 11.8 on Helican line in the interest of

Sizes below 4 inches, not extended, take 4-inch price.

Half inches not specified, take next higher full-inch price.

Dead Smooth, double the price of Bastard Cut.

One Round Edge, advance 121/2 per cent.

All lengths above those listed, advance 20 per cent. on next lower inch price.

Blunt Files not specified, advance 1 inch on respective kinds and cuts.

Single or Float Cut not specified, on regular shapes take Double Cut Price.

Equalings (Bellied), advance two inches on respective kinds and cuts.

Two Round Edges, advance 25 per cent.

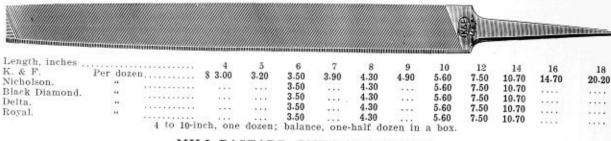
Files varying from standard sizes, subject to special prices.

Cuts not specified, made upon regular blanks, advance one inch on respective kinds and nearest cut.

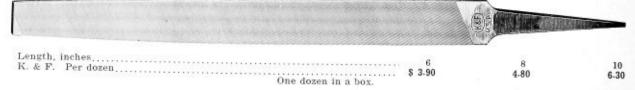


# FILES

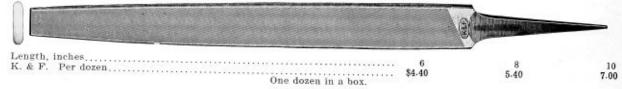
#### MILL BASTARD



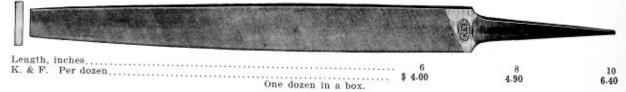
### MILL BASTARD. ONE ROUND EDGE



### MILL BASTARD. TWO ROUND EDGES



#### MILL SECOND CUT



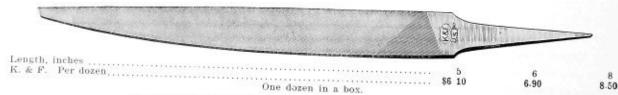
# GREAT AMERICAN CROSS CUT

	1100000000	The state of the s	
Length, inches  K. & F. Per dozen  One dozen in a box.	\$ 7.50	10 9-10	12 11-80

### WARDING BASTARD

		K8.5 15.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5	Manne	-
Length, inches  K. & F. Per dozen  One dozen in a box.	8 4 00	4 4.00	5 4.50	6 4-90

#### KNIFE BASTARD



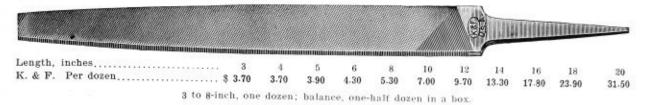
All files as listed carried in stock; other sizes shipped from factory direct.

"STERUNG BRAND FOR QUALITY STANDS"



# **FILES**

### FLAT BASTARD



#### FLAT SECOND CUT

				(KAE)	1 May 1	
Length, inches.	6	8	10	12	14	16
K. & F. Per dozen		6-10	8-10	11.00	15.30	20.10

#### FLAT SMOOTH

		o Propins			
Length, inches.       6         K. & F. Per dozen.       \$ 5.30	8 6.60	10 8.70	12 12-10	14 16-70	16 22.30
6 to 8-inch, one dozen	halance one-ha	If dozen in a	hov	007.703.50	

#### HAND BASTARD

#### HAND SECOND CUT

			96		
Length, inches	8	10	12	14	16
K. & F. Per dozen	\$ 6.30	8.70	12.30	17.00	22.80
8-inch one dozen: balance	one bale	J			

#### 8-inch, one dozen; balance, one-half dozen in a box

#### HAND SMOOTH



8-inch, one dozen; balance, one-half dozen in a box.

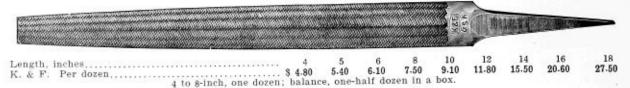
All files as listed carried in stock; other sizes shipped from factory direct.

"STERUNG BRAND FOR QUALITY STANDS"



# **FILES**

#### HALF ROUND BASTARD



#### HALF ROUND SECOND CUT

		1860	A SAME	Market .	_
Length, inches	8 8-30 f dozen in :	10 10.10 a box.	12 13-00	$\substack{14\\17.00}$	16 22.50

#### HALF ROUND SMOOTH

				(	A CONTRACTOR	MAN AND AND AND AND AND AND AND AND AND A		_
Length, inches.  K. & F. Per dozen	.S 6-10	5 6.40	6 7.10	8 8.90	10 10.70	12 13.90	14 18.30	16 24-20
4 to 8-inch, one dozen; balance	, one-ha	lf dozer	in a b	ox.				

#### ROUND BASTARD

O COLOR CONTROL CONTRO						All Control	No. of Lot,	NAME OF STREET	
Length, inches	4	5	6	8	10	12	14	16	18
Diameter, inches	1/8	3-16	7-32	9-32	36	1/2	5/8	3/4	20.20
K. & F. Per dozen			3.50	4.30	5.60	7.50	10.70	14.70	20.20
4 to 10-inch, one dozen;	balanc	e, one-	half doz	en in a	box.				

#### ROUND SMOOTH

		West of		) ( ·	Sales a		_
Length, inches.  Diameter, inches.  K. & F. Per dozen.  4 to 10-inch, one dozen; balance, one-ha	\$ 3.90	5 3-16 4-10 in a b	6 7-32 4.50 ox.	8 9-32 5-40	10 3/8 7.00	12 ½ 9.40	14 5% 13.10

#### SQUARE BASTARD

					ij	<b>建</b>	17:a-	_
Length, inches.  Diameter, inches.  K. & F. Per dozen.  4 to 10-inch, one dozen:	3.80	4-10	6 7-32 4-60		12 1/ <sub>3</sub> 10-20	14 5/8 13.90	16 3/4 18-70	18 % 25-10

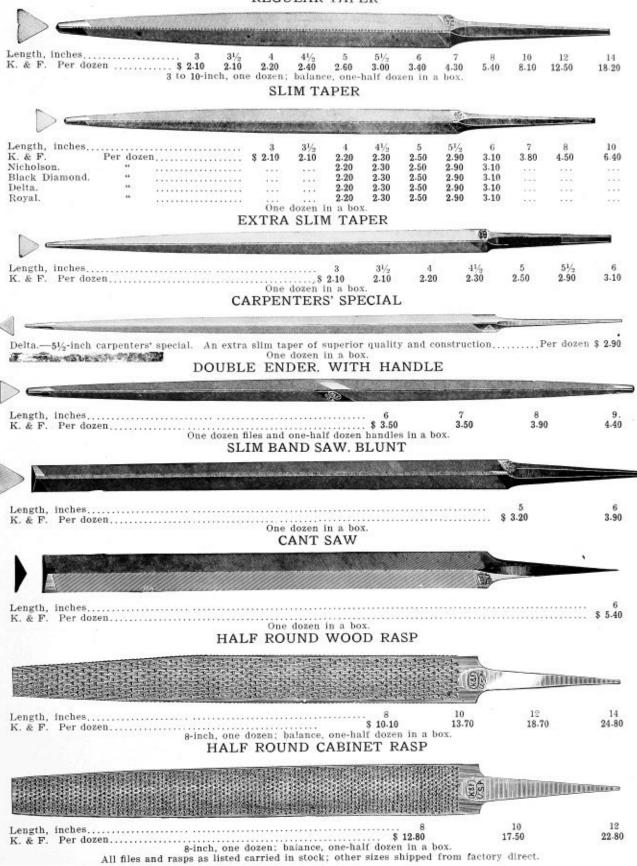
#### PIT SAW

	April 100 miles
Length, inches.  K. & F. Per dozen.  One dozen in a box.	

All files as listed carried in stock; other sizes shipped from factory direct.



# FILES REGULAR TAPER

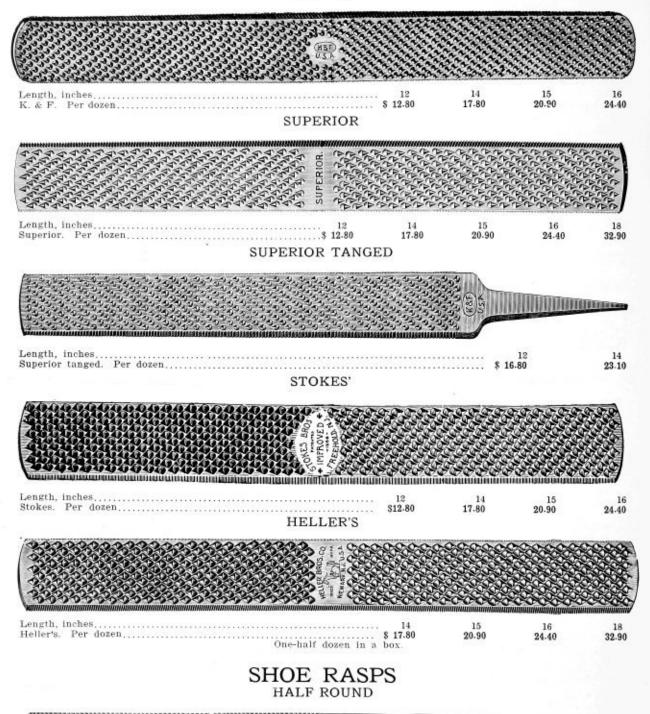


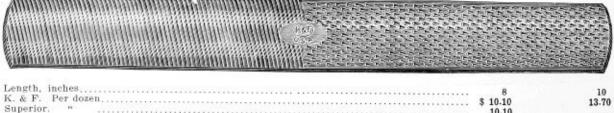
STERUNG BRAND FOR QUALITY STANDS"



# HORSE RASPS

K AND F





One-half dozen in a box.

All rasps as listed carried in stock; other sizes shipped from factory direct.



# FILES, RASPS AND CLEANERS

#### AUGER BIT FILE



#### BARBER'S CORRUGATED FILE



One dozen in a box.

#### PLAIN HORSE MOUTH RASP

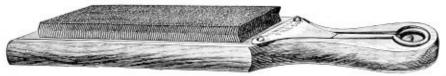


One-half dozen in a box.

## JOINTED HORSE MOUTH RASP



#### FILE CARD



#### FILE BRUSH



No. 400.—File Brush. Bristle brush one side, wire cleaner other side. Complete with scorer..........Per dozen \$ 4.80 One-half dozen in a box.

"STERUNG BRAND FOR QUALITY STANDS"



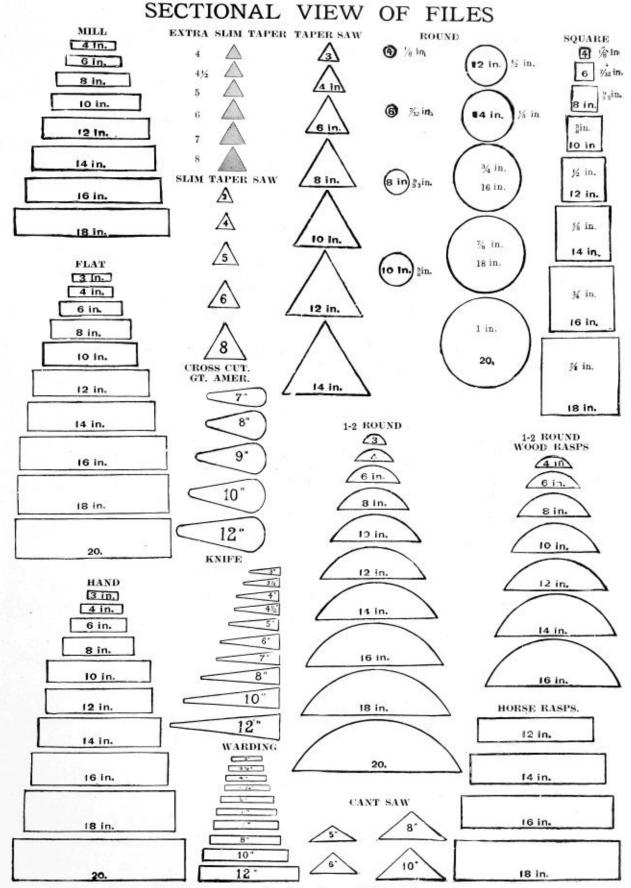
# FILES AND RASPS

PILLAR BASTARD



We above illustrate several odd shapes and cuts of files and rasps not in every day demand. Orders for any of above will be shipped from factory direct.



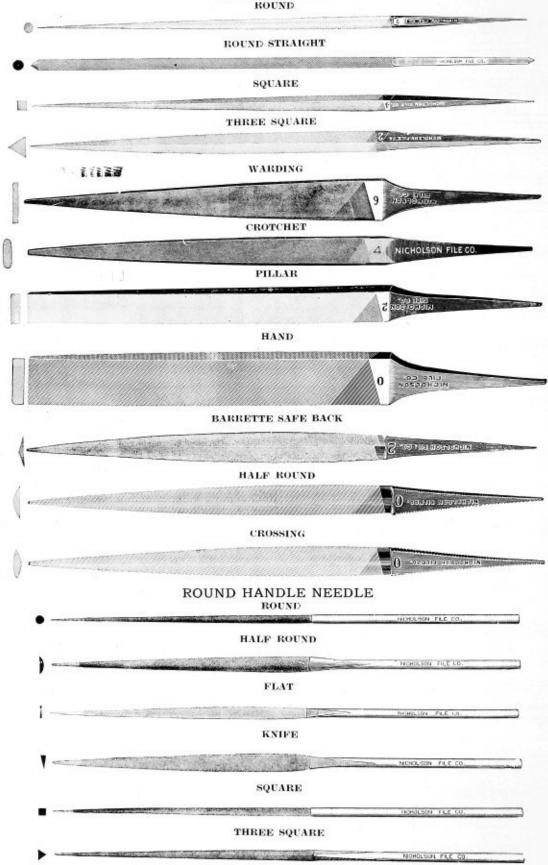


Shows sectional view of various sizes and different shapes of files.

"Sterung Brand for Quauty Stands"



# XF FILES



"STERUNG BRAND FOR QUALITY STANDS"



# LIST PRICES X. F. FILES AND TOOLS

#### SWISS PATTERN FILES

LIST OF JUNE 1, 1901.

PER DOZEN

	HAND				PILLAR, PILLAR NARROW PILLAR EXTRA NARROW.				3-SQUARE AND METAL SAW.				WARDING							
No.	00-2	3-4	5	6	7 1	8	No.	00-2	3-4	5-6	7-8	No.	00-2	3-5	6-8	No.	00-2	3-4	5-6	7-8
3" 3 1/2 4 1/2 5 6 7 8 10 12 14	2.80 3.00 3.15 4.15 4.35 4.80 6.40 7.00 9.55 12.30 15.00	2.90 3.15 3.30 4.25 4.50 5.00 6.60 7.20 9.90 12.60 15.00	3.00 3.20 3.40 4.40 4.70 5.20 6.80 7.60 10.50 13.60 16.00	3.15 3.35 3.55 4.60 5.00 5.40 7.20 8.00 11.10 14.00 17.00	3.30 3.55 3.75 4.80 5.20 5.80 7.60 8.40 11.50 14.70 18.20	3.45 3.75 3.95 5.00 5.40 6.20 8.00 9.15 12.30 15.50 19.50	3" 3 \(\frac{1}{2}\) 4 \(\frac{1}{2}\) 5 \(\frac{1}{2}\) 1 \(\frac{1}{2}\)	2,60 2,75 2,95 3,85 4,00 4,30 5,50 6,50 8,70 11,20	2.65 2.80 3.00 3.90 4.15 4.40 5.70 6.70 8.90 12.00	2.70 2.90 3.10 4.00 4.25 4.55 6.00 6.90 9.30 14.10	$\begin{array}{c} 2.80 \\ 3.00 \\ 3.20 \\ 4.15 \\ 4.45 \\ 4.75 \\ 6.15 \\ 7.10 \\ 9.70 \\ 15.50 \end{array}$		2.80 3.05 3.30 4.15 4.35 5.00 6.60 7.80 9.15 11.20	2.95 3.15 2.40 4.25 4.45 5.10 6.90 8.15 9.55 11.60	3,05 3,30 3,50 4,40 4,60 5,25 7,20 8,55 9,90 12,00	3" 3 02 4 4 52 5 6 7 8 10 12	2,55 2,80 3,15 4,05 4,20 4,80 6,10 9,00 11,40	2.60 2.90 3.30 4.20 4.40 5.00 6.40 7.20 9.60 12.20	2.70 3.00 2.45 4.35 4.60 5.20 6.80 7.60 10.00 12.60	2.8 3.1 3.6 4.5 4.8 5.4 7.2 8.0 10.4 13.0

	INCHES	2	2 1/2	3	31/2	4	452	5	6	7	8	10	12	14	Pillar, Pillar Narrow and Pillar Extra Narrow.
Width in Decimal parts of an inch, stated as near as practicable.	Hand Pillar Pillar Narrow Pillar Ex. Narrow.	17	.26	.29	94	.35	.38	.42	.48	.54	.60	.73	.85		with one or both edges cut, take same List Price as with two safe edges.

H.	ALF R	OUND		CR	OSSIN	G		BARR)	ETTE		S	QUAR	E		ROU	ND			CRO	CHE	СТ
No.	00-2	3-5	6-8	00-2	3-5	6-8	No.	00-2	3-5	6-8	00-2	3-5	6-8	No.	00-2	3-5	6-8	No.	00-2	3-5	6-8
3"	2.90	3.00	3.15	2.80	2.85	2.95	3"	2.80	2.85	2.95	2.25	2.25	2.25	3"	2.05	2.05	2.05	3"	2.80	3.00	3.2
3 V2	3.05	3.15	4.20	3.25	3.30	3.40	31/2	3.25	3.35	3.40	2.50	2.50	2.50	31/2	2.25	2.25	2.25	31/2	3.20	3.40	3.6
41/2	4.10	4.65	5.10	4.70	4.95	5.20	41/2	4.60	4.75	4.95	3.70	3.75	3.90	41/2	3.25	3.35	3.50	41/2	3.50	3.70 4.70	
5	4.35	4.95	5.30	5.00	5.40	5.80	5	5.25	5.40	5.60	3.85	3.95	4.05	5	3.35	3.50	3.70		4.60	4.95	
6	5.00	5.60	6.15	5.60	6.10	6.55	6	6.20	6.35	6.55	4.40	4.55	4.70	6	3.70	3.90	4.10	6	5.40	5.701	
7	6.80	7.60	8.20	7.40	8.10	8.75	7	7.95	8.15	8.35	5.65	5.85	6.00	7	4.85	5.25	5.65	7	7.20	7.60	
8	7.80	8.75	9.55	8.50	9.25	10.10	8	9.15	9.35	9.55	6.40	6.80	7.20	8	5,65	6.00	6.40	9	8.35		
10	10.70	13.80	16.20	11.50	14.30	16.90	10	12.30	12.50	12.80	7.20	8.00	8.80	10	7.60	8.35	9.55		11.60		
12	12.90	16.90	19.30		18.50		12	15.50	15.70		8.80	9.60	10.40	12		10.10			11.00	2000	2.5

INCH			3	31/2	4	412	5	6	7	8	10	12	Pivot Files or Burnishers
Equaling, Slitting, Rd. Straight, Drill or Joint, Rd. or Sq. Edge	All cu	ts	2.50 3.15 2.25 2.50	2.80 3.50 2.50 2.60	3.20 4.00 2.80 2.70	4.20 5.20 3.50 3.50	4.55 5.70 3.90 4.05	4.90 6.80 4.50	6.10 8.20 6.00 5.45	6.90 9.40 7.20	12.60		212" with Tang 3.5 212" with Handle 4.8 212" Double 7.0
to be a series of the second	n		.02	.03	.04	.05	.06	.08	.09				Right and Left Cut in eithe Sharp or Conical Corners

					NE	EDI	ΕI	FILE		Screw Head		Die Sinkers,	
Round Handle Square Handle, or Escapement,	12 14 16	e/m e/m e/m e/m	or or	434 51/2 61/4	::	1.90 1.90 2.10 2.25 2.35		doz.	Of the following twelve varieties, viz.: Round, Half-Round, Flat, Oval, Knife, Square, 3-Square, Equaling, Slitting, Joint, Barrette and Marking (if Round Handle) or Half Round Blunt (if Square Handle)	Ratchet, 3"	2.70	12 in a set	2.8
									ch kind) or in kinds der does not state otherwise.			from gauge 40 to	

FILE CLEANER	ERS
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#### HORSE MOUTH RASPS.



## AUGER BITS

#### STERLING



Sterling .- Extra crucible tool steel. Oil tempered, hand ground and highly polished. Natural finished square. Extension lip and double spur. Highest grade every bit warranted against defects in material and manufacture.

15 16 17 20 24-16ths 12 13 Inches....... 3 4 5 6 7 8 9 10 Per dozen.... \$ 4.50 4.00 4.00 4.50 5.00 5.50 6.00 11 7.00 8.00 8.00 9.00 9.00 10.50 10.50 12.00 15.00 7.00 One-half dozen in a box.

#### STERLING SPECIAL

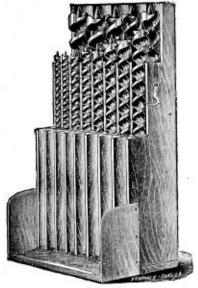


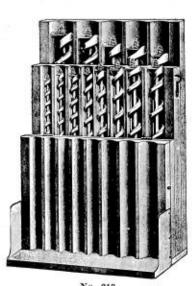
Sterling Special.—Extra grade crucible steel forged (not twisted). Solid center stem. Extension lip and double spur. Highly polished twist and shank, natural finished square. Highest grade, every bit guaranteed against imperfection.

24-16ths 12 15 16 17 18 20 11 13 14 Inches 10 7.00 8.00 8.00 9.00 9.00 10.50 10.50 12.00 15.00 7.00 Per dozen.... \$ 4.50 4.00 4.00 4.00 4.50 5.00 5.50 6.00 One-half dozen in a box.

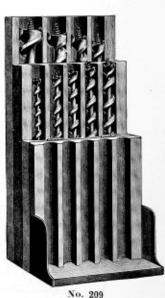
#### STERLING

# STERLING SPECIAL





No. 213



No. 113. -13 bits, 321/2/4s. Contains one Sterling bit, each 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16-16ths. Packed in No. 113R.—13 bits, 321/a/4s. Same assortment as Number 113. In canvas roll. 7.00 No. 109. - 9 bits, 201/2/4s. Contains one Sterling bit, each 4, 5, 6, 7, 8, 10, 12, 14, 16-16ths. Packed in hardwood No. 109R.—9 bits, 20½/4s. Same assortment as number 109. In canvas roll..... 4.40 No. 213 .—13 bits, 32½/4s. Contains one Sterling special bit, each 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16-16ths. 7.00 No. 213R.—13 bits, 32½/4s. Same assortment as Number 213. In canvas roll...... 7.00 No. 209.—9 bits, 201/2/4s. Contains one Sterling special bit each 4, 5, 6, 7, 8, 10, 12, 14, 16-16ths. Packed in hard-4.40 No. 209R.—9 bits, 201/2/4s. Same assortment as number 209. In canvas roll ...... 4.40

The Bartlett box has many features which commend its use to the mechanic. No springs or clasps to get out of order-the bits are readily dropped into place, heads up, thus protecting screws and cutters. Equally well adapted for bench or journey work.



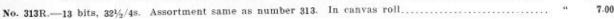
# IRWIN AUGER BITS



Extra crucible steel, forged and oil tempered. Polished twist and shank, natural finish square. Solid center stem. Double cutter and extension lip. Twist 4½ inches long. Length over all 8½ inches.

6 3 5 7 8 9 10 11 12 13 14 15 16 17 18 20 24-16ths Per dozen.... \$ 4.50 4.00 4.00 4.50 5.00 5.50 6.00 7.00 8.00 8.00 9.00 9.00 10.50 10.50 12.00 7.00 3-16 to 16-16, one-half dozen; balance one-fourth dozen in a box.







No. 309



No. 306

4.40

- No. 309. —9 bits, 201/2/4s. Contains one bit each 4. 5. 6. 7. 8. 10. 12. 14 and 16-16ths; also one 6-inch screw driver bit. Packed in fancy hardwood box, with sliding lower tray. Brass hinges and trimmings....Per set



# AUGER BITS

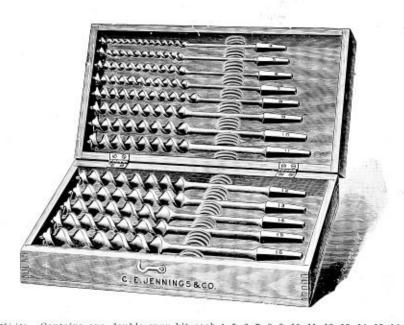
#### COMMON

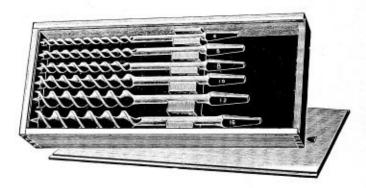


Solid cast steel. Double spurs and lips. Polished twist. Standard finish.

Inches...... 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 20 24-16ths
Per dozen.... \$ 4.50 4.00 4.00 4.00 4.50 5.00 5.50 6.00 7.00 7.00 8.00 8.00 9.00 9.00 10.50 10.50 12.00 15.00

One-half dozen in a box.





"STERUNG BRAND FOR QUALITY STANDS"



# AUGER BITS

#### ORION



Orion.—Cast steel. Blued twist. Short extension lip A well finished bit at a popular price.

Inches....... 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 20 24-16ths
Per dozen... \$ 4.50 4.00 4.00 4.00 4.50 5.00 5.50 6.00 7.00 7.00 8.00 8.00 9.00 9.00 10.50 10.50 12.00

One-half dozen in a wood box.

PUGH



Pugh.—Hand made. Special quality crucible steel. Black twist, polished edge and shank. Double cutter. The original auger bit-every one fully guaranteed. Inches..... 10 12 13 14 15 16 18 20-16ths Per dozen .... \$ 4.50 4.50 4.50 4.50 4.50 6.48 5.76 9.36 10.08 10.80 11.52 12.96 14.40 7.20 7.92 8.64 One-half dozen in a box.

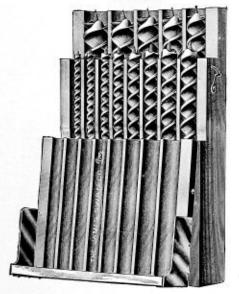
#### RUSSEL JENNINGS



Russell Jennings.—Forged crucible tool steel. Oil tempered. Polished twist and stem. Natural finished shank. Double spur and extension lip. Made with standard double thread screw point or single thread screw point for quick boring. Lip, spur and throat formed for greatest durability, easy boring and free cutting.

3 to 12-16ths, one dozen; 13 to 16-16ths, one-half dozen in a box.

#### ORION



#### RUSSEL JENNINGS



No. 513

No. 613

"STERUNG BRAND FOR QUALITY STANDS"

# AUGER AND CAR BITS

SHIP AUGER BITS



Sterling. Cast steel. With screw. Adapted for boring hardwood.

8-8ths 71/2  $5\frac{1}{2}$ 41/2 5 No. 30.—Inches.... 31/4 12.00 12.00 10.50 10.50 Per dozen \$ 6.00 6.00 7.50 7.50 9.00 9.00 6.00

One-half dozen in a wood box.

SHIP AUGER CAR BITS



Sterling. Cast steel. With screw. Length of twist about 12 inches. Adapted for boring hardwood.

81/2-8ths 6 61/2  $7\frac{1}{2}$ 51/4 5 No. 31.—Inches.... 31/2 4 41/4 15.50 14.50 10.00 12.50 13.00 14.00 Per dozen \$ 9.50 10.50 11.00 11.50 12.00

One-half dozen in a wood box.

STERLING SPECIAL CAR BITS



Sterling Special. Highest grade forged crucible tool steel. Oil tempered, hand ground and highly polished. Solid center stem. Double spur and extension lip. 12-inch twist; length over all 18 inches.

16-16ths 13 14 No. 41.—Inches...... 5 6 15.00 22.00 16.25 17.50 19.00 Per dozen .... \$ 9.00 9.00 9.00 10.00 11.25 12.50 13.75

One-half dozen in a wood box.

## EXPANSIVE BITS



Clark's. Forged from best cast steel. Material and finish the best.

One in a paper box; one-half dozen in a box.

#### EXTRA CUTTERS FOR CLARK'S BITS

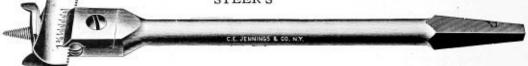


Forged from Best Cast Steel. Ready for Use.

C2 C4 C5 C6 C1 Cutting from ...... 1/2 to 7/8 % to 11/2 % to 1% 13/4 to 3 3 to 4 4 to 5 inches 6.00 3.75 5.25 9.00 12.00 Per dozen...... \$ 3-00

One-half dozen in a box.

## STEER'S



Steer's Arrow Head. Drop forged from selected cast steel. Cutter held firmly, cannot creep. Each in waterproof canvas case.

No. S1.—With two cutters, cutting from % to 3 inches. Per dozen \$ 26.00

No. S2.—With two cutters, cutting from % to 1% inches. " 22.00

One-half dozen in a box.



# **AUGERS**

#### **NUT AUGERS**



Solid	Cast steel.	Twist, 71/2 to 8	inches.			
No. 110.—Inches 1/2 Per dozen \$ 8.25	9.50	10.75	<sup>3</sup> ⁄ <sub>8</sub> 12.00	1 13.25	11/8 15.00	$1\frac{1}{4}$ 17.00
No. 110.—Inches	1 <sup>3</sup> / <sub>4</sub> 26-00	30.00	2½ 40-00	2½ 50.00	23/4 70.00	3 90.00
1/2 inch to 2 inches, one-half dozen	in a box	; 21/4 inches to	3 inches, on	ie-twelfth doz	en in paper.	

#### SHIP AUGERS

# STORES STORES

Sterling. Cast steel. With screw. Length of twist 10 to 15 inches, varying with diameter. Designed for use Will withstand rough usage, in hardwood. No. 310 .- Inches 81/2-8ths Per dozen.... \$ 7.50 7.50 7.509.00 10.50 10.50 12.00 12.00 13.50 13.50 15.00 No. 310.—Inches 91/ 101/ 10 11 111/2 12 13 14 15 16-8ths Per dozen ...... \$ 15.00 16.50 16.50 18.00 18.00 21.00 21.00 24.00 25.50 31.50 38.00 One-half dozen in a wood box.

#### BORING MACHINE AUGERS



Extra cast steel. Extra quality and finish. Square lipped pattern. 8 inch twist, 12 inches over all. Shank 4 inches long, turned 2 inches long,  $\frac{1}{2}$  inch in diameter.

No. 720.—Inches  $\frac{3}{4}$   $\frac{1}{15.00}$   $\frac{11}{19.00}$   $\frac{11}{24}$   $\frac{11}{2}$   $\frac{2}{32.00}$  Per dozen  $\frac{1}{100}$   $\frac{1}{$ 

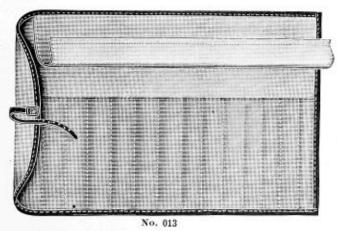
## EXTENSION BIT HOLDERS

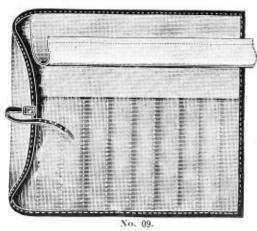


Mayhew extension bit holder. Same action as bit brace chuck in grasping shank of bit. Jaws drop forged and case hardened. Finely knurled steel shell. Quick action multiple thread chuck. Simple, strong and with no loose parts. Follows a 5% inch bit.

Nos.	12	15	18	24
Length, inches	12	15	18	24
Per dozen	\$ 16.00	18.00	21.00	24.00
One-fourth dozen in a box.				

# AUGER BIT ROLLS





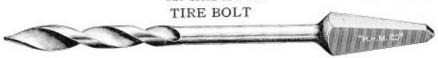
Canvas auger bit rolls. Made of heavy substantial material securely sewed and bound. With pockets for holding the various size auger bits comprising standard sets. Complete with strap and buckle. Keeps the bits in perfect shape and requires but little space in the tool box.



# BITS AND DRILLS

GERMAN GIMLET





Cast steel. For tire bolts, rivets and dowel pins. Run strictly to size and the reduced length makes them much stiffer and less liable to break.

No. 1364.—13-64 inches in diameter. For 3-16-inch bolts.

No. 1764.—17-64 inches in diameter. For 1-4- inch bolts.

One dozen in a box.

#### SUGAR



Inches 6 7 8-16ths
Per dozen Sterling Special 6 7 8-16ths
One dozen in a box.

#### ELECTRICIAN'S



# BIT STOCK

Will drill steel, iron or other metals as well as wood. Larger than 3-32 have solid shank. No. 108.—Inches..... 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 18 20-32nds Length, ins.  $3\frac{1}{6}$   $3\frac{1}{2}$   $3\frac{1}{6}$   $4\frac{1}{2}$   $4\frac{1}{6}$   $4\frac{1}{6}$ 

#### WOOD BORING



For boring wood. Not injured by contact with nails, plaster, etc. Syracuse pattern. 18 20-32nds 7 8 9 10 11 12 13 14 15 16 6 No. 109A.—Inches..... 9 3 4 5 Length, ins... 31/2 71/2 10 41/9 5 4 6.00 Per dozen... \$ 1.60 1.60 1.60 1.75 One dozen in a box.

#### BIT STOCK IN CASES

#### WOOD BORING IN CASES





the drills in good condition. Each size drill marked on the case in gold. Contains 7 drills one each, 1-8, 5-32, 3-16, 7-32, 1-4, 5-16 and 3-8-inch.



## BITS

#### COUNTER SINK



No. 320.—Sterling. Flat countersink. For metal. Hammer forged from cast steel. Length 4 inches. Per dozen \$ 1.50 One dozen in a box.









No. 280.—Sterling. Diamond countersink. Hammer forged from best quality refined cast steel. Twist of bit runs accurately to screw standards. Assorted from 5-32 to 8-32 and boring from 3-4 to 11-2 inches. Countersinks up to 11-16 inches

One dozen in a box.

#### REAMER





#### SCREW DRIVER



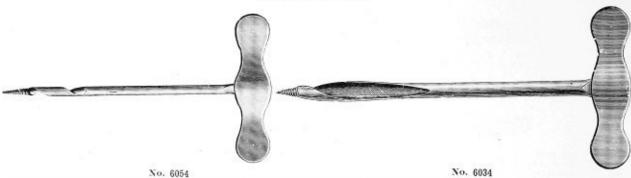


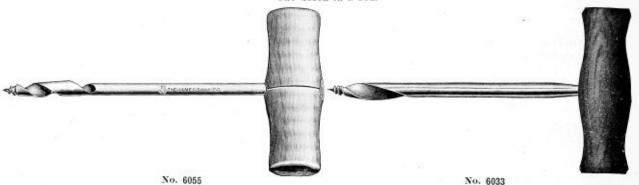
No. 360.—Sterling. Screw driver. Drop forged from finest tool steel. Carefully tempered and tested. Bright polished. A distinctive knurl on the point as shown in small cut prevents slipping out of the screw slot—a feature that commends this bit to the user. Assorted 2 each 7-32 and 1-2 and 4 each 5-16 and 3-8 in a box.

Per dozen \$ 4.00

"STERUNG BRAND FOR QUALITY STANDS"

# **GIMLETS**

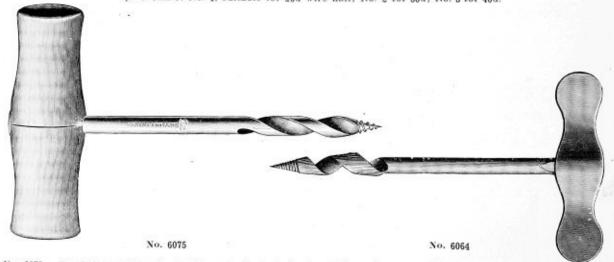




One dozen in a box.

Nail Gimlet No. 1, suitable for 8d wire nail; No. 2 for 10d; No. 3 for 20d and No. 4 for 30d.

Spike Gimlet No. 1, suitable for 20d wire nail; No. 2 for 30d; No. 3 for 40d.



No. 6075.—Cocobolo wood head. Double cut. Cast steel. Assorted numbers 1, 2 and 3. Per dozen \$ 1.20 No. 6064.—Metal head spike. Assorted numbers 1, 2 and 3. "1.50 One dozen in a box."

ELECTRICIANS'





# HAND DRILLS

YANKEE No. 44



One-twelfth dozen in a box.

#### YANKEE No. 41

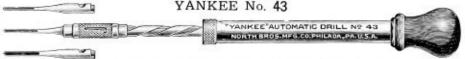




No. 42.—Stained wood handle. Nickel-plated ferrule and chuck. Entire length, including drill point, as illustrated, 11% inches. Improved drill chuck, holding points tight and absolutely rigid. Eight points, one each 1-16, 5-64, 3-32, 7-64, 1-8, 9-64, 5-32, 11-64, (as illustrated below), put up in a small round wooden box furnished with each.

Per dozen \$ 20.00

One-twelfth dozen in a box.



No. 43.—Stained wood handle. Nickel-plated ferrule and chuck. Entire length, including drill point, as illustrated, 1034 inches. Long knurled chuck. Easily adjusted, holding drill points tight and rigid. Adapted for light work, hence only three drill points, one each 1-16, 5-64 and 3-32, put up in small round wooden box, are furnished with each. Larger points should not be used in this drill. Per dozen \$ 15.00 One-twelfth dozen in a box.

#### YANKEE DRILL POINTS



YANKEE RECIPROCATING DRILLS



No. 50.—Entire length 16 inches. Movement of driver 8½ inches. Hardwood head. Fitted with ball bearings.

Designed for use in drilling iron, steel, brass and other metals, as well as all varieties of wood. So constructed that drill runs continually to the right during both the forward and backward movements of the driver. Chuck holds straight shank drills 3-16-inch in diameter or less. No drill points or bits furnished with drill.

One-twelfth dozen in a box.

# TWIST DRILLS

#### TAPER SHANK

#### BLACKSMITH DRILL PRESS



Diameter Inches	Length Inches	Each	Diameter Inches	Length Inches	Each
1-4	61/8	\$ 0.60	1 25-64	145/9	\$ 5.40
17-64	61/4	-65	1 13-32	145%	5.40
9-32	61/4	-65	1 27-64	143/4	5.60
19-64	63/8	.70	1 7-16	143/4	5.60
5-16	63/s	.70	1 29-64	14%	5.80
21-64	61/2	.75	1 15-32	14%	5.80
11-32	61/2	.75	1 31-64	15	6.00
23-64	63/4	-80	1 1-2	15	6.00
3-8	63/4	.80 .85	1 17-32	151/8	6.60
25-64 13-32	7	-85	1 9-16 1 19-32	15½ 15¾	6.90
27-64	71/4	.90	1 5-8	151/2	7.20
7-16	71/4	.90	1 21-32	15%	7.50
29-64	71/2	.95	1 11-16	153/4	7.80
15-32	71/2	.95	1 23-32	15%	8.10
31-64	73/4	1.00	1 3-4	16	8.40
1-2	73/4	1.00	1 25-32	161/8	8.60
33-64	8	1.10	1 13-16	161/4	8.80
17-32	8	1.10	1 27-32	16%	9.00
35-64	81/4	1.20	1 7-8	$16\frac{1}{2}$	9.20
9-16	81/4	1.20	1 29-32	161/2	9.3
37-64 19-32	8½ 8½	1.30	1 15-16 1 31-32	161/2	9.50
39-64	83/4	1.40	2	16½ 16½	9.80
5-8	83/4	1.40	2 1-32	161/2	10.20
41-64	9	1.50	2 1-16	17	10.60
21-32	9	1.50	2 1-8	17	11.2
43-64	91/4	1.60	2 3-16	17	12-00
11-16	91/4	1.60	2 1-4	171/2	12.80
45-64	91/3	1.70	2 5-16	171/2	13.60
23-32	91/2	1.70	2 3-8	18	14.40
47-64	93/4	1.85 1.85	2 7-16 2 1-2	181/2	15.00
3-4 49-64	93/4	2.00	2 1-2 2 9-16	19 191/4	15.60
25-32	97/8	2.00	2 5-8	191/2	16.80
51-64	10	2.15	2 11-16	20	17.60
13-16	10	2.15	2 3-4	201/2	.19.0
53-64	101/4	2.30	2 13-16	201/2	20.00
27-32	101/4	2.30	2 7-8	21	21.00
55-64	101/2	2.45	2 15-16	21	23.00
7-8	101/2	2.45	3	22	25.00
57-64	10%	2.60	3 1-16	22	28-00
29-32 59-64	105/8 103/4	2.60 2.75	3 1-8 3 3-16	22 22	31.00
15-16	103/4	2.75	3 3-16	23	34.0
61-64	10%	2.90	3 5-16	23	40.0
31-32	10%	2.90	3 3-8	23	43.0
63-64	11	3.00	3 7-16	23	46.00
1	11	3.00	3 1-2	24	49.5
1 1-64	111/8	3.20	3 9-16	24	53.0
1 1-32	111/8	3.20	3 5-8	24	57.0
1 3-64 1 1-16	111/4	3.40	3 11-16	24	60.0
1 1-16 1 5-64	111/4	3.40 3.60	3 3-4	24	63.0
1 3-32	111/2	3.60	3 13-16 3 7-8	24 24	1 1000000000000000000000000000000000000
1 7-64	113/	2.80	3 15-16	24	72.00
1 1-8	113/4	3.80	4	25	75.00
1 9-64	117/8	4-00	4 1-16	25	78.0
1 5-32	11%	4.00	4 1-8	25	81-0
1 11-64	12	4-20	4 3-16	25	84-0
1 3-16	12	4.20	4 1-4	25	87-0
1 13-64	121/8	4.40	4 5-16	25	90.5
1 7-32	121/8	4.40	4 3-8	25	94.00
1 15-64 1 1-4	12½ 12½	4.50	4 7-16	25	97.50
1 17-64	141/8	4.50 4.65	4 1-2 4 9-16	26	101.0
1 9-32	141/8	4.65	4 9-16 4 5-8	26	103.5
1 19-64	141/4	4.80	4 11-16	26 26	107.00
1 5-16	141/4	4.80	4 3-4	26	114.00
1 21-64	143/4	5.00	4 7-8	26	121.00
1 11-32	143/8	5.00	5	27	128.00
1 23-64	141/2	E 20		And This bear was to	
1 3-8	141/2	5.20 5.20	********		

Blacksmith Drill Press.—Round shank ½-inch in diameter and 2¼ inches long, fitting all standard blacksmith drill presses made for ½-inch shanks.

Diameter Inches	Each	Diameter Inches	Each
1-8	\$ 0.45	11-16	\$ 1.60
5-32	.45	23-32	1.70
3-16	-50	3-4	1.85
7-32	.55	25-32	2.00
1-4	.60	13-16	2.15
9-32	.65	27-32	2.30
5-16	.70	7-8	2.45
11-32	.75	29-32	2.60
3-8	-80	15-16	2.75
13-32	.85	31-32	2.90
7-16	.90	1	3.00
15-32	.95	1 1-32	3.20
1-2	1.00	1 1-16	3.40
17-32	1.10	1 3-32	3.60
9-16	1.20	1 1-8	3.80
19-32	1.30	1 5-32	4.00
5-8	1.40	1 3-16	4.20
21-32	1.50	1 1-4	4.50

#### RATCHET



No. 104A.—Taper square shank, 5/8x3/8x11/2 inches long. Fitting ratchets.

Diameter Inches	Length Inches		Each	18	Diameter Inches	Length Inches		Each
1-4	5	\$	1.00		29-32	71/2	8	2.15
9-32	5	11	1.05	1	15-16	8	1	2.30
5-16	5		1.10	1	31-32	8		2.45
11-32	5		1.15	1		81/2		2.55
3-8	6		1.20	1	1-32	81/2		2.70
13-32	$6\frac{1}{4}$	18	1.25	1	1-16	81/2		2.85
7-16	61/4	10	1.25	1	3-32	81/2		3.00
15-32	$6\frac{1}{4}$	1	1.30	1	1-8	9	10	3.10
1-2	61/2		1.30	1	5-32	9	н	3.25
17-32	61/2	į.	1.35	1	3-16	9	1	3.40
9-16	$6^{1/2}$		1.35	1	7-32	9		3.55
19-32	61/2		1.40	1	1-4	91/2		3.75
5-8	$6\frac{1}{2}$		1.40	1	9-32	91/2	1	3.95
21-32	61/2		1.45	1	5-16	91/2	i.	4.20
11-16	$6^{1/2}$	1	1.45	1	11-32	91/2		4.45
23-32	61/2	1	1.50	1	3-8	10		4.70
3-4	$6^{1/2}$		1.55	1	13-32	10	П	4.95
25-32	61/2		1.65	1	7-16	10		5.25
13-16	7	1	1.75	1	15-32	10		5.50
27-32	7	r	1.90	1	1-2	10		5.75
7-8	71/2		2.05	1			1	

#### MACHINE BITS FOR WOOD



No. 109D.—Taper lengths. Round shank ½:inch in di-ameter and 2½ inches long, fitting blacksmith drill presses.

Diameter Inches	Length Inches	Each	Diameter Inches	Length Inches	Each
1-8 3-16 1-4 5-16 3-8 7-16 1-2 9-16	5½ 5½ 5½ 6½ 6½ 6% 6% 7½ 7% 7%	.60 .70 .80 .90 1.00 1.20	5-8 11-16 3-4 13-16 7-8 15-16	7½ 7½ 8 8 8 8¾ 8¾ 8¾ 9½	\$ 1.60 1.80 2.00 2.40 2.60 3.00 3.40

# TWIST DRILLS

STUBS' SIZES

STRAIGHT SHANK



No. 107.—STUBS' STEEL WIRE GAUGE SIZES.

Numbers by Gauge	Decimals of Inch	Length Inches	Per Dozen	Numbers by Gauge	Decimals of Inch	Length	Per Dozen
1	.2280	4	8 2.35	41	-0960	2 5-16	\$ 1.10
2	.2210	3 15-16	2.35	42	-0935	2 5-16	1.10
3	.2130	3 15-16	2.35	43	-0890	2 1-4	1.10
4	.2090	3 7-8	2.35	44	-0860	2 3-16	1.10
5	-2055	3 13-16	2.35	45	.0520	2 3-16	1.10
6	-2040	3 13-16	2.25	46	.0810	2 1-8	.95
7	-2010	3 3-4	2.25	47	.0785	2 1-16	.95
8	1990	3 11-16	2.25	48	-0760	2 1-16	.95
9	.1960	3 11-16	2.25	49	-0730	2	-95
10	-1935	3 5-8	2.25	50	.0700	1 15-16	.95
11	-1910	3 9-16	2.10	51	-0670	1 15-16 1 7-8	-95
12	-1890	3 9-16	2.10	52	.0635	1 13-16	.95
13	-1850	3 1-2	2.10	53 54	.0595 .0550	1 13-16	.95
14	.1820	3 7-16 3 7-16	2.10	55	-0520	1 3-4	-95
15	-1800	3 7-16 3 3-8	1.95	56	.0465	1 11-16	.95
16	-1770	3 5-16	1.95	57	.0430	1 11-16	.95
17	.1730 .1695	3 5-16	1.95	58	.0420	1 5-8	-95
18 19	.1660	3 1-4	1.95	59	.0410	1 9-16	-95.
20	.1610	3 3-16	1.95	60	.0400	1 9-16	.95
21	.1590	3 3-16	1.75	61	-0380	1 1-2	.90
22	-1570	3 1-8	1.75	62	-0370	1 1-2	.90
23	-1540	3 1-16	1.75	63	-0360	1 1-2	.90
24	.1520	3 1-16	1.75	64	-0350	1 1-2	.90
25	.1495	3	1.75	65	-0330	1 1-2	.90
26	.1470	2 15-16		66	.0320	1 1-2	.90
27	.1440	2 15-16		67	.0310	1 7-16	-90
28	-1405	2 7-8	1.55	68	.0300	1 7-16	.90
29	-1360	2 13-16		69	-0290	1 3-8	-90
30	-1285	2 13-16		70	-0270	1 5-16	.90
31	-1200	2 3-4	1.40	71	-0260	1 5-16	1.00
32	.1160	2 11-16		72	.0240	1 1-4	1.00
33	.1130	2 11-16	1.40	73	.0230	1 3-16	1.00
34	-1110	2 5-8	1.40	74	.0220	1 1-8	1.00
35	.1100	2 9-16	1.40	75	-0200	1 1-16	1.00
36	.1065	2 9-16	1.25	76	.0180	1	1.00
37	.1040	2 1-2	1.25	77	.0160	15-16	1.00
38	-1015	2 7-16		78	.0150	7-8	1.00
39	-0995	2 7-16		79	.0140	13-16	1.00
40	.0980	2 3-8	1.25	80	.0130	3-4	1.00



No. 104B. LENGTHS.

25	188		2		
Diameter, Inches	Length, Inches	Each	Diameter Inches	Length, Inches	Each
1-2 33-64 17-32 35-64 9-16 37-64 19-32 39-64 5-8 41-64 21-32 43-64 11-16 42-64 23-32 47-64 3-4 49-64 25-32 51-64 12-64 27-32 55-64 7-8 57-64 29-32 59-64 15-16 61-64	73/4 8 8   84/4 8   84/4 8   84/4 8   84/4 9   9   9   4/4 9   9   9   4/4 9   9   9   9   9   9   9   9   9   9	\$ 1.00 1.10 1.20 1.20 1.30 1.30 1.40 1.50 1.60 1.60 1.70 1.85 2.00 2.15 2.30 2.45 2.45 2.60 2.75 2.75 2.90	1 1-64 1 1-32 1 3-64 1 1-16 1 5-64 1 3-32 1 7-64 1 1-8 1 9-64 1 5-32 1 11-64 1 13-64 1 13-64 1 17-64 1 17-64 1 19-64 1 11-32 1 19-64 1 11-32 1 23-64 1 13-8 1 25-64 1 13-32 1 27-64 1 7-16 1 29-64 1 7-16 1 29-64 1 15-32		\$ 3.20 3.40 3.40 3.60 3.60 3.80 4.00 4.20 4.20 4.40 4.50 4.50 4.55 4.65 4.65 4.65 5.00 5.20 5.20 5.40 5.60 5.80
31-32 63-64 1	10% 11 11	2.90 3.00 3.00	1 31-64 1 1-2	15 15	6.00

JOBBERS' SIZES

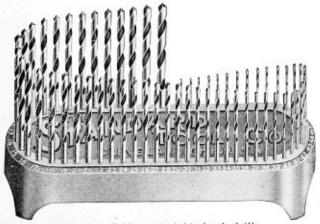


No. 105.—JOBBERS OR SHORT LENGTHS.

Diameter Inches	Length Inches	Per Dozen	Each
1-16	21/2	\$ 1.00	\$ 0.09
5-64	25/8	1.10	.10
3-32	23/4	1.20	.11
7-64	2%	1.30	-12
1-8	3	1.45	-13
9-64	31/a	1.60	.15
5-32	31/4	1.80	.16
11-64	33/8	2.00	.18
3-16	31/2	2.20	.20
13-64	35/8	2.40	.21
7-32	33/4	2.65	.23
15-64	37/8	2.90	-26
1-4	4	3.15	.28
17-64	41/8	3.40	.30
9-32	41/4	3-65	.32
19-64	43/8	3.90	.35
5-16	41/9	4.20	.37
21-64	45/8	4.50	.40
11-32	43/4	4.80	-42
23-64	47/8	5.10	.45
3-8	5	5.40	.48
25-64	$5^{1/8}$	5.70	-50
13-32	51/4	6.00	-53
27-64	53/8	6.40	.55
7-16	51/2	6.80	.59
29-64	55/8	7.20	.63
15-32	53/4	7.50	.65
31-64	57/8	7.75	.67
1-2	6	8.00	.70

## JOBBERS' SIZES

METAL BLOCK ASSORTMENT



No. 5.—Assortment. Jobbers straight shank drills 1-16 to 1-2 inch, by 64ths, in all 29 drills (as enumerated opposite) mounted on metal block.

No. 8.—Assortment. Stubs' wire gauge drills numbers 1 to 60. in all 60 drills (co. bers 1 to 60, in all 60 drills (as enumerated above) mounted on metal block.......Per set

9.75

"STERUNG BRAND FOR QUAUTY STANDS"

# CHISELS, DRILLS AND JOINTERS

#### STERLING COLD CHISELS

Sterling. Octagon cast steel. Hammer head. dead black and highly polished finish. Warranted. No. 50 .- Inches .... Inches... 1/4 3/8 1/2 5/8 5/4 7/8 L'gth, ins. 5 51/2 6 7 71/2 8 Per dozen \$ 1.50 1.70 2.40 4.00 6.00 8.00 10.00 One-half dozen in a box.

#### REGULAR COLD CHISELS



Oil finished. Octagon cast steel. ns 1/4 5/8 7 No. 40.-Inches. 3/8 1/2 51/2 71/ L'gth, ins. Per dozen \$ 1.20 1.20 1.50 2.50 3.00 4.00 5.00 One-half dozen in a box.

#### TILE CHISELS



-Octagon tool steel, high grade, oil fin-No. 327.ished. 1/4-inch, 4 inches in length. Tile or One dozen in a box.

#### CAPE CHISELS



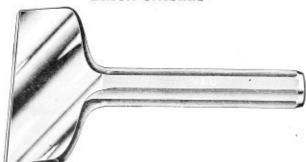
Nos. . . . 37 Diam. ins..... 3/8 3/4 Point, ins ..... 3-16 Length, ins ... 51/ Per dozen.... \$2.40 3.00 3.50 6.00 One-half dozen in a package.

#### PLUGGING CHISELS



No. 13.—Best crucible steel. 5-inch blade, 5-inch handle-10 inches over all. For cutting out mortar between bricks or for mor-One-half dozen in a package.

#### BRICK CHISELS



Octagon cast steel. Oil finished. 7 6 5 Blade, inches..... Per dozen..........\$ 9.00 12.00 One-half dozen in a package. 12.00 13.00

#### CHIPPING CHISELS



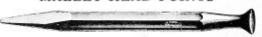
Octagon tool steel. Oil finished. Hammer head. Length 9 inches. Nos..... 168 169 170 171 173 Diam., inches. Blade, inches. 3/8 3/4 11/6 3/4 13/6 3/4 5/8 \$ 4.00 4.00 Per dozen.... 4.00 4.80 4.80 One-half dozen in a package.

#### PITCHING TOOLS



Octagon cast steel. Oil finished. Hammer head. Length 8 inches. Nos. Diam., inches. 158 159 160 161 162 3/4 11/5 % 2 % 21/4 3/8 1 Blade, inches. 21/2 Per dozen .... \$ 4.00 5.50 7.00 4.80 6.00 One-half dozen in a package.

#### MALLET HEAD POINTS



Octagon cast steel. Oil finished. Mallet head. Length 9 inches. 157 156 155 5.00 One-half dozen in a package.

#### MALLET HEAD, PLAIN



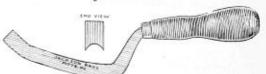
Octagon cast steel. Oil finished. Mallet head. Length 7 to 81/2 inches. Nos. . . . . 146 Blade, ins. 1/2 147 148 149 150 151 152 154 11/2 13/4 Blade, ins. ½ ¾ 1 1¼ 1½ 1¾ 2 2½ 3 Per doz. \$ 4.00 4.00 5.00 5.00 5.00 5.00 5.00 6.00 6.00 One-half dozen in a package.

#### STAR DRILLS

Octagon cast steel. Oil finished 8, 12, 18 or 24 inches long. (Specify length wanted.) 53 55 57 5-16 Per gozen.... 8 6.00 6.00 6.00 6.00 8.00 11.00 58 59 60 61 62 

#### **JOINTERS**

21.00



Wood handle. Makes a clean bead. Polished steel. 10 9 5-16 Per dozen \$ 10.00 10.00 10.00 10.00 One-half dozen in a package.

## MACHINISTS' PUNCHES

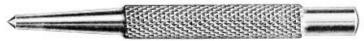
PRICK



No. 440.—Sterling. Knurled body. Blued finish. Length 4 inches. Assorted 5-16 and 3-8. Points slightly beveled entire length adds to strength....

One dozen in a box.

#### CENTER



No. 455.—Sterling. Knurled body. Blued finish, Tempered for use on hard steel and pointed at the correct angle One dozen in a box.



No. 465.—Sterling. Knurled body. Blued finish. Every punch tested. Length 4 inches. Body 3/4 inches. Points assorted 3, 4 and 5-32nds 

#### SOLID



No. 4008.—Sterling. Octagon crucible steel, oil finished, polished head. Every punch warranted. Length 4½ inches. Body 3½ inches. Points assorted 1-8, 3-16 and 1-4 inches. Per dozen \$ 1.60 No. 400½.—Sterling. Octagon crucible steel, oil finished, polished head. Every punch warranted. Length 6 in. Body ½-inch. Points assorted 1-4, 5-16 and 3-8 inches One dozen in a box........... Per dozen \$ 2.40

# NAIL SETS



No. 80.—Sterling. Cast steel. Cup point. Knurled body. Polished head and point. Extra finish and temper. Assorted 2, 3, and 4-32nds..... One dozen in a box.



No. 100 .- Easy hold. Cast steel-head drawn to blue temper, point to straw temper, cup point and beveled. The square center is knurled on two opposite sides, giving a broad, easy grasping surface for the fingers. One dozen in a box.



Syracuse Nail Sets. Made of drill steel and both ends tempered. Knurled bodies, cup points.

No. 1 .- Assorted, 2, 3 and 4-32, in highly polished telescope wood box with cover, Per dozen \$ 1.60 1.60

No. 92 -- 2-32 in slide cover wood box . . . . 1.60 No. 93 .- 3-32 in slide cover wood box ....

MATCHLESS "SYRACUSE" NAIL SETS ACUSE TWIST DRILL CO.

No. 2 .- Syracuse Nail Sets. Made of drill steel and both ends tempered. Knurled bodies, cup points. Assorted 2, 3 and 4-32 and mount-ed in a fine morocco case. Each tool in a separate hole, point upward, which separates the sizes and facilitates finding the one wanted. Per case (2 dozen) ....... \$ 3.20

STERUNG BRAND FOR QUALITY STANDS"



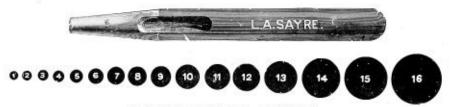
# DRIVE PUNCHES

#### ASSORTED BELT



No. 336.—Cast steel, tempered, oil finished. Assorted sizes, 1 to 6. One dozen in drilled wood case...Per dozen \$ 1.50

#### BELT

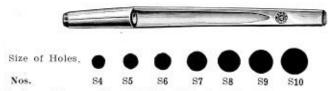


Cast steel. Tempered. Oil finished.

Nos	1	2	3	4	5	6	7	8
Size, inches Per dozen	8-100	9-100	11-100	12-100	13-100	15-100	17-100	21-100
	\$ 1.30	1.30	1.30	1.30	1.30	1.30	1-50	1.50
Nos	9	10	11	12	13	14	15	16
Size, inches	24-100	28-100	30-100	35-100	40-100	45-100	50-100	55-100
Per dozen	\$ 1.50	1-70	2-00	2-00	2-00	4-00	10-00	10.00

One dozen in a box.

#### SADDLERS'



P. S. & W. brand. Forged from solid steel, full polished. Drilled holes making very strong, durable and accurate.

Nos	84	S5	S6	87	S8	89	S10
Size, inches	12-100	13-100	15-100	17-100	21-100	24-100	28-100
Per dozen	\$ 2.00	2.00	2.40	2.40	2.40	2.40	3.50

One dozen in a box.

#### ROUND



Round punches. Cast steel.

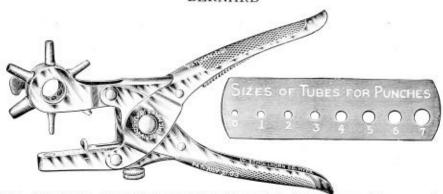
No. 35.—Inches	1/2	13.00	3/4	3/8	1
Per dozen\$	12.00		14.00	15-00	16.00
One-half doze	n in a box	c.			

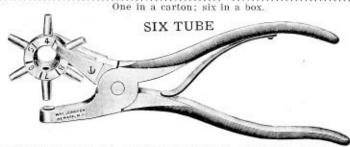
"STERUNG BRAND FOR QUALITY STANDS"



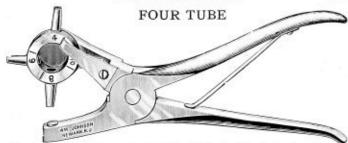
# SPRING PUNCHES

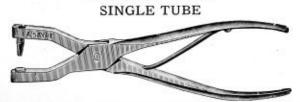
#### BERNARD





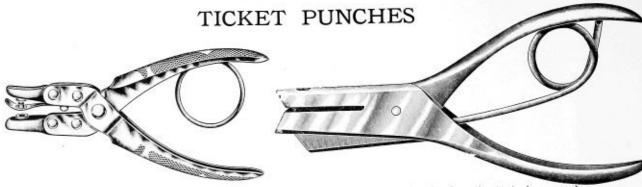
One-half dozen in a box.





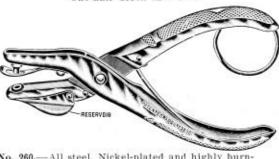
No. 200.—Single tube. Single joint, plain tube. Cast steel. Polished. Assorted sizes 4, 6, 8 and 10. Per dozen \$ 4.50 One-half dozen in a box.

#### EXTRA TUBES



No. 41 -All steel. Nickel-plated and highly polished. Length 5 inches. Assorted dies. Per dozen..... \$ 4.00 One-half dozen in a box.

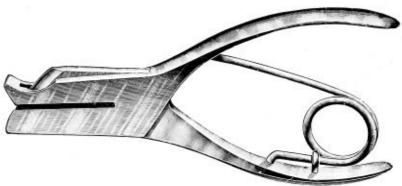
No. 15.—Nickel-plated. Length 4¼ inches; reach ½-inch. Assorted dies.........Per dozen \$ 8.00 One-half dozen in a box.



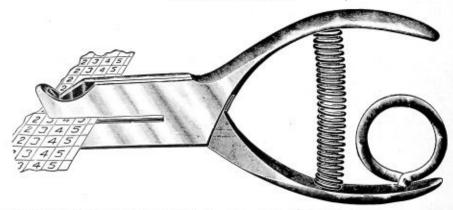
No. 260 .- All steel. Nickel-plated and highly burnished. With reservoir to retain the clippings—a feature appreciated by the housewife. Length 5 inches... Per dozen \$ 4.50 One-half dozen in a box.



No. 18.—Nickel-plated. Length  $4\frac{1}{2}$  inches; reach 1-inch. Spiral spring. Assorted dies. One-half doz. in a box. . . . . . Per dozen \$ 12.00

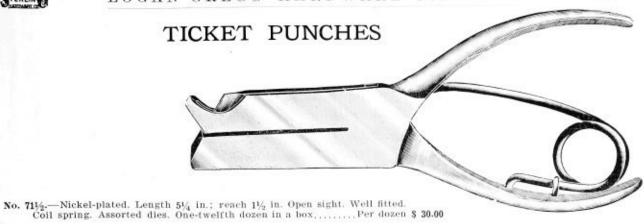


No. 30 .- Nickel-plated. Length 4% inches; reach 1 inch. Open sight. Coil spring. Assorted dies. Per dozen \$ 18.00 One-half dozen in a box.

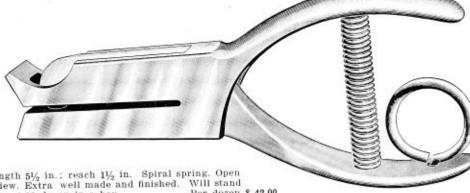


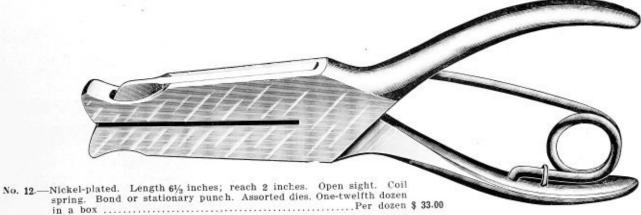
No. 71.—Nickel-plated. Length 41/2 inches; reach 1-inch. Open sight. Well fitted. Spiral spring. Assorted dies. Per dozen..... ..... \$ 24 00





Reach, inches. Spiral spring.  $\frac{7}{8}$   $\frac{11}{4}$   $\frac{11}{3}$   $\frac{13}{4}$   $\frac{2}{2}$   $\frac{21}{2}$   $\frac{3}{2}$  Each................ \$5.00 6.00 7.00 7.50 8.00 9.00 10.00 One-twelfth dozen in a box. A. L. & S. punches not carried in stock; sent from factory direct.





"STERUNG BRAND FOR QUALITY STANDS"



No. 1



Flat forged blade. Flat beech handle, varnished natural color. Brass ferrule. No. 1.—Inches ..... 1.20 1.50 1.80 Per dozen..... One-half dozen in a box.

No. 50



Round polished blade. Polished ferrule. Fluted handle, stained. No. 50.—Inches ..... 2.70 Per dozen ..... One-half dozen in a box.

#### No. 16 ELECTRIC



Round cast steel blade. Blued finish. Cherry stained hardwood handle. No. 16 .- Inches . . 10 -Inches 3
Per dozen \$ 2-40 2.60 2.80 3.00 3.50 4.00 4.80 One-half dozen in a box.

#### No. 32 STERLING



Round blade, forged from special steel and with carefully tempered point. Heavy polished steel ferrule. Ferrule, blade and handle securely fastened by steel pin. Fluted handle, cherry finish. No. 32.—Inches 3
Per dozen \$2.50 12 2.80 3.20 3.60 5.00 6.00 8.00

One-half dozen in a box.

#### No. 34 STERLING CABINET



Round blade, forged from special steel. 1/4-inch round, all sizes. Carefully tempered and ground to gauge. Heavy polished steel ferrule. The blade, ferrule and handle are securely fastened by steel pin. Fluted handle, cherry finish. No. 34.—Inches 61/2 31/2 41/2 51/2 Per dozen ...... \$ 2-80 3.20 3.60 4.00 One-half dozen in a box.

#### No. 1428 ELMORE



Blade, shank and head forged from one solid piece of steel extending through entire length of handle. Square shank for use with wrench. Polished heavy steel ferrule. Hardwood handle of black rubberoid finish. No. 1428.—Inches 3 Per dozen \$ 3.50 12 10 4.25 5.00 6.00 10.00 12.00

One-half dozen in a box.

#### No. 4 PERFECT HANDLE





8.00

10.00

5.00

6.00

12

12.00

Round polished blade. From hammer head to driver tip a solid, one piece drop forging. Handle pocketed in each side of forging. Handle impervious to water and finished natural color. No. 4.—Inches

4.25 One-half dozen in a box.



No. 5 CHAMPION



Round polished blade. Extra quality. Forged from toughest steel. Shrunk into a solid malleable bolster. Combined tang and ferrule. Fluted stained handle.

No. 5.—Inches 12 Per dozen ..... \$ 3.00 3.50 4.25 5.00 6.00 8.00 10.00 12.00 One-half dozen in a box.

#### No. 7. CHAMPION MACHINISTS'



Round polished blade. Extra quality. Forged from toughest steel. Shrunk into some maneague bolster. Combined tang and ferrule. Double grip fluted handle. Made extra strong and with extra grip specially adapted to the use of millwrights, machinists, etc. -Inches .....

Per dozen ..... One-half dozen in a box. \$ 14.00

#### No. 6. CHAMPION CABINET



Round polished slender blade. Extra quality. Forged from toughest steel. Shrunk into a solid malleable bolster. Combined tang and ferrule. Light weight fluted handle. Adapted to light work and special uses.

One-half dozen in a box.

No. 6.—Inches 31/2 Per dozen ..... ..... \$ 3.50 4.50

No. 112. CHAMPION

#### No. 134. CHAMPION

15

18.00

24.00

5.50

30.00

6-50

16.00



No. 112 .- 11/2-inch blade, 5 inches overall. Light Same general construction as Regular Champion. Very convenient One-half dozen in a box.



No. 134 .- 13/4-inch blade. 7 inches overall. Heavy blade. Heavy handle. Same general construction as Regular Champion. Suitable for very heavy work in difficult places. Per dozen . . . . . . . . . . . \$ 5.00 One-half dozen in a box.

No. 809. MAYHEW



One dozen in a box.

#### No. 810. MAYHEW



No. 810 .- Tool steel blade, 21/2 inches long. Nickel-plated ferrule. Hardwood handle, mahogany finish. Size of 

No. 811. MAYHEW

#### No. 14. SEWING MACHINE

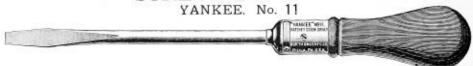


Forged tool steel blade. Tapered steel ferrule, nickelplated. Hardwood handle, mahogany finish.

No. 811.—Length of blade Length over all 3 43/4 3 Size of point ..... Per dozen ...... \$ 2.00 2.40 One dozen in a box.



No. 14 .- Flat steel blade, 11/2 inches long. ferrule. Black enameled wood handle. A handy little screw driver designed especially for use on sewing machines, but may be used equally well in numerous ways about the house......Per dozen \$ Three dozen in a box.



Round forged cast steel blade, nickel-plated ferrule. Polished hardwood handles. Ratchet operated by a shifter, making adjustment right or left hand, or rigid.

No. 11.—Inches 2 3 4 5 6 8
Per dozen \$6.00 7.20 8.00 .. 9.00 10.50 12.00
One-half dozen in a box.



Round crucible steel blade, forged, nickel-plated ferrule. Polished hardwood handle. Ratchet. Right or left hand or rigid. All blades 3-16 inches in diameter and handles the same in size. Knurled washer enables operator to use for light work. Specially suited to electricians.

No. 15.—Inches 2 3 4 5
Per dozen \$6.50 7.50 8.00 9.00
One-half dozen in a box.



YANKEE. No. 30

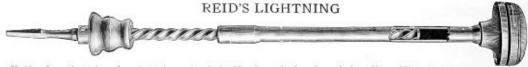


YANKEE, No. 130



No. 130.—Round forged cast steel blades. Nickel-plated terrule and chuck. Polished hardwood handle. Three bits of different widths with each. Extreme length with bit in chuck when closed is 15 in. and when extended 20½ in. Fitted with milled collar in front of shifter case to hold closed. With spring in handle as shown in cut which causes the handle to "come back" for the next push in driving screws in or out. Can be successfully used with only one hand driving the tool and will be found invaluable for use in narrow deep places where the left hand cannot be used to hold the chuck end of the driver. One-twelfth dozen in a box...Per dozen \$ 30.00

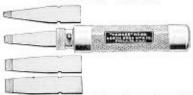




No. 01.—Entire length 15 in. closed, 27 in. extended. Hardwood head and handle. Nickel-plated frame. One screw driver bit with each. May be used either automatically, running the bit both backward and forward, or to turn the bit one way only, as is necessary to drive a screw or bore a hole with an auger bit. This is done by means of the divided head, which acts as a fast and loose pulley, there being no ratchet.......Per dozen \$ 36.00 One-twelfth dozen in a box.



#### YANKEE. No. 60



One-twelfth dozen in a carton.

#### YANKEE. No. 12



One-half dozen in a box.

#### EYE GLASS No. 556



One dozen in a box.

#### EYE GLASS No. 558



One dozen in a box

#### EYE GLASS No. 554



One dozen in a box.

#### POCKET No. 231

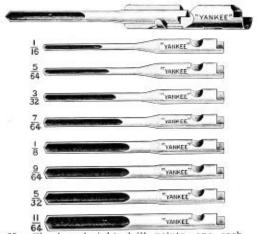




Showing method of holding blades in handle No. 231.

No. 231.—Pocket screw driver set. All steel, fully polished, nickel-plated and buffed. Length when closed 3½ in. Diameter ½ in. and weight 4 oz. Furnished with 3 screw driver blades of assorted sizes and 1 reamer bit, for making or enlarging holes. Machined chuck, securely holds all bits and when open or closed is rigidly held in place by spring as shown in illustration. The handle being hollow serves as a magazine in which to carry the bits. Per dozen \$ 10.00 One-twelfth dozen in a carton.

#### YANKEE CHUCK AND DRILLS No. 03



# No. 035 VANKEE VANKEE VANKEE VANKEE VANKEE VANKEE VANKEE

#### YANKEE COUNTERSINKS



"STERUNG BRAND FOR QUAUTY STANDS"



# BIT BRACES

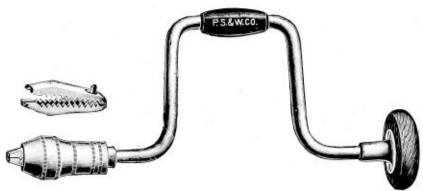




Polished steel sweep. Malleable plain jaws. Hardwood, mahogany stained head and center.

Nos,	508	510
Sweep, inches	8	10
Per dozen	\$ 7.00	8.00

One-half dozen in a box.



Highly polished heavy steel sweep. Malleable, alligator jaws. Hardwood, mahogany stained head and center. Head screwed on.

One-half dozen in a box.



Nickel-plated heavy steel sweep. Malleable iron jaws, alligator pattern and self-centering. Selected hardwood head and center, mahogany finished. Head screwed on.

One-half dozen in a box.

Nickel-plated heavy steel sweep. Malleable jaws, alligator pattern and having the self-centering feature. Socket milled to fit. Lignum-vitae head and center which insures against either splitting or breaking. A high grade sleeve brace, well proportioned and carefully fitted. Head screwed on.

One-half dozen in a box.



# BIT BRACES

#### RATCHET



Nos.	2008	2010
Sweep, inches.	8	10
Per dozen	\$ 12.00	13.00
One-half dozen in a box.		



 Nickel-plated heavy steel sweep.
 Malleable iron jaws, alligator pattern and self-centering.
 Ring ratchet.
 Mahogany finished selected hardwood head and center.
 Head screwed on.
 3708
 3710
 3712

 Sweep, inches.
 8
 10
 12

 Per dozen
 \$ 16.00
 17.00
 18.00

Nickel-plated heavy steel sweep. Self-centering malleable jaws of alligator pattern. Milled socket. Extra knurled sleeve. Ring ratchet. Lignum-vitae head and center. A serviceable well finished ratchet brace at a popular price. Head screwed on.

Nos.

Sweep, Inches.

Per dozen

Nickel-plated heavy steel sweep. Self-centering malleable jaws of alligator pattern. Milled socket. Extra knurled sleeve. Inches the serviceable well finished ratchet brace at a popular price. Head screwed on.

3808

S810

S812

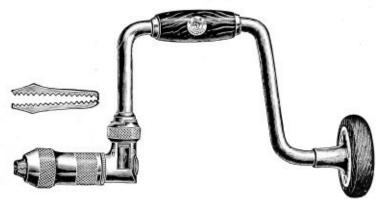
Per dozen

S 21.00

22.50

24.00

One-half dozen in a box.



 Nickel-plated heavy steel sweep.
 Self-centering drop forged steel machined and tempered jaws of alligator pattern.

 Extra knurled sleeve.
 Encased ring ratchet.
 Imitation cocobolo hardwood head and center.
 Screwed on head.

 Nos.
 4408
 4410
 4412

 Sweep, inches.
 8
 10
 12

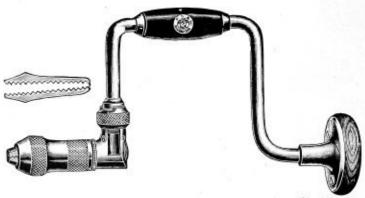
 Per dozen
 \$ 22.00
 24.00
 27.00

One-half dozen in a box.
"Sterung Brand for Quauty Stands"



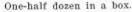
# BIT BRACES

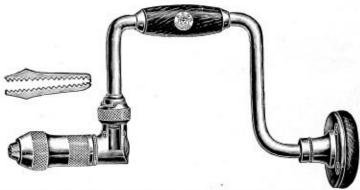
#### RATCHET



Nickel-plated heavy steel sweep. Forged steel, alligator jaws with spring adjustment making the jaws absolutely parallel. Extra knurled sleeve. Concealed ring ratchet. Full steel clad. Lignum-vitae head and center. Head screwed on.

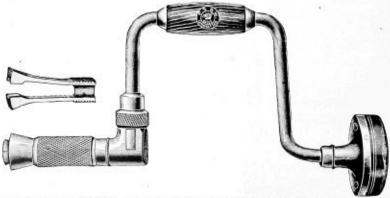
Nos	4710	4712
Sween inches	10	12
Per dozen	\$ 27.00	30.00





Nickel-plated extra heavy steel sweep. Jaws of forged steel and having spring adjustment which makes absolutely parallel, alligator pattern. Extra knurled sleeve. Ring ratchet, concealed. Knurled tempered steel antifriction washer on all bearings. Extra heavy screwed on steel clead head with ball bearing retaining cup. Head and center of lignum-vitae.

Nos. Sweep, Inches Per dozen. \$	5008	5010	5012	5014
	8	10	12	14
	30-00	32-00	34.00	36.00
One-sixth doz				



Extra heavy nickel-plated steel sweep. One piece forged spring steel jaws, form self-centering socket. Full knurled steel sleeve. Concealed ring ratchet. All bearings fitted with knurled and tempered steel anti-friction washers. Extra heavy screwed on steel clad head with ball bearing retaining cup. Lignum-vitae head and center.

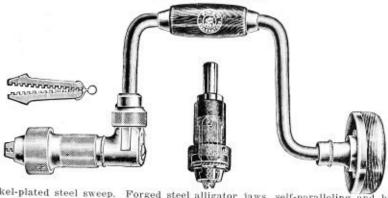
ers. Batta nearly science on steel can	ment when we	in pearing recurrent	- D		100000
Nos	7006	7008	7010	7012	7014
Sweep, inches		8	10	12	14
Per dozen		34.00	36.00	39.00	42.00

One-sixth dozen in a box.



# BRACES AND RATCHETS

SAMSON RATCHET



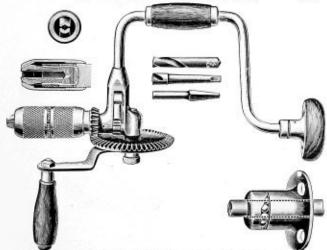
Extra heavy nickel-plated steel sweep. Forged steel alligator jaws, self-paralleling and holding all round or square shanks smaller than ½-inch. Ball bearing chuck grips firmer and releases easier than any other chuck. Full knurled sleeve. Concealed ring ratchet. All bearings fitted with knurled and tempered steel anti-friction washers. Extra heavy screwed on steel clad head with ball bearing retaining cup. Lignum-vitae head and center.

Nos	and searing retaining	cup. Lighun	i-vitae head a	ind center.	
Dareep, Inches	8008 8	8010	8012	8014	8016
Per dozen	\$ 40.00	10	12	14	16
	\$ 40.00	42.00	44.00	46.00	50.00
	One-sixth dozen in a b	OX.			



Extra heavy nickel-plated sweep. Master chuck holds all shapes of shanks. Cocobolo head and handle. Designed for boring in corners or other positions where ordinary brace cannot be used.

No. 503.— 8-inch sweep ...... Each \$ 5.00 No. 502 .- 10-inch sweep



No. 100.—Drill brace. 10-inch sweep. Nickel-plated. Ball bearing, hardwood head. Master chuck, holding all styles of shanks. Detachable gear. Combines all the features of a ratchet brace and a breast drill. One in a box ... Each \$ 5.00



No. 200.—Angular bit stock. Nickel-plated chuck. Solid steel jaws. Japanned frame. Can be varied in any position, from a straight line parallel with brace chuck, to angle shown in cut. Simple in adjustment, the angle may be changed either at the commencement or during the operation of boring ......One in a box.

# MONARCH SQUARE SLEEVE RATCHET



Monarch Square Sleeve Ratchets.

Nos	10	20	30	40
Length handle, inches	10	12	15	18
Each S	8.00	9.00	10.00	12.00

#### MONARCH BOILER RATCHET



Monarch Boiler Ratchets.

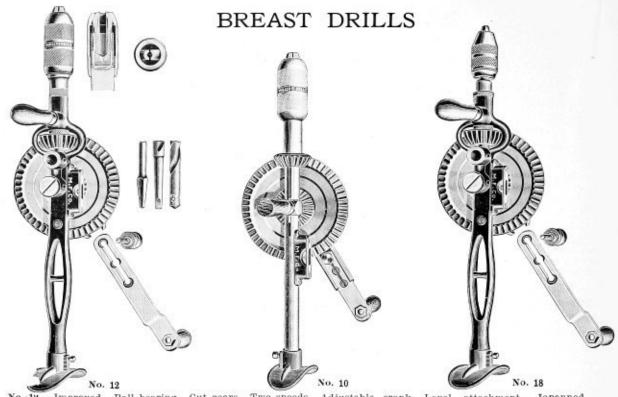
Nos.,,,,,,,,	210	220	230	240
Length handle, inches	10	12	15	18
Each	\$ 7.00	8-00	9.00	12.00

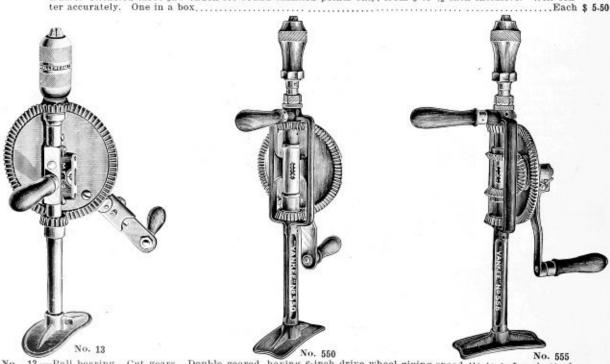
Monarch Ratchet has body made of drop forged steel, sockets of machine steel and handle of solid steel bar. Hardened wearing parts. Hexagon feed nut, with extra heavy screw. Single acting, for square shank drills.

18-inch have standard square taper, 3/4x1/2x13/4 inches; other sizes 3/8x11/2 inches.

"STERUNG BRAND FOR QUAUTY STANDS"







No. 13

No. 15

No. 13

No. 15

"STERUNG BRAND FOR QUALITY STANCES"



# HAND DRILLS

MILLERS FALLS





No. 3

No. 3

Single gear. Bright parts nickeled, drive gear japanned. Extreme length 11 inches. Chuck holds drills from 0 to 3-16 inches. Hollow handle designed for holding drill points. No points furnished with this drill.

No. 4.—Single gear. Japanned iron with rosewood handle. Length 8 inches. New style chuck which centers and holds drills perfectly. Each drill furnished with 6 drill points of assorted sizes.

No. 1.—Single gear. Cocobolo handle. Nickel-plated. Three jaw chuck, holding drills from 0 to 3-16. Each drill has 8 fluted points contained in hollow handle. One in a box.

Each

2.00

2.00

2.00

2.00

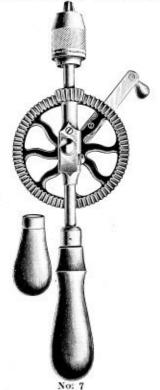
2.00

3.—Single gear. Cocobolo handle. Nickel-plated. Three jaw chuck, holding drills from 0 to 3-16. Each drill has 8 fluted points contained in hollow handle. One in a box.

Each

2.00







No. 5.—Double gear. Wide rim wheel, making it suitable for delicate work. Cocobolo handles. Nickel-plated.

Three jaw chuck, holding drills from 0 to 3-16. Drill has 8 fluted points contained in hollow handle. Each \$ 3.00

No. 7.—Single gear. Japanned gears provided with a "takeup" in case of wear. Other metal parts polished.

Length 12½ inches. Diameter of drive gear, 4 inches. Chuck holds drills from 0 to 17-64 inches. Hard wood handles, stained.

Each

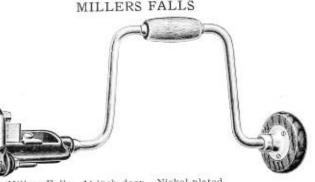
No. 2.—Ball bearing. Cut gears. Cocobolo handles. Nickel-plated. Three jaw chuck, holding drills from 0 to 3/6.

Each drill has 8 fluted points contained in hollow handle. One in a box.

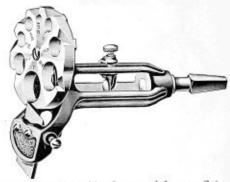
4.50

# HOLLOW AUGERS

MILLERS FALLS

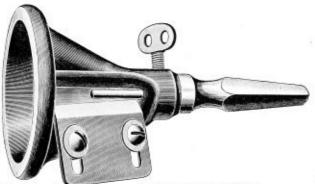


-Millers Falls. 14-inch deep. Nickel-plated brace with ball bearing head and fitted to auger. Always works true. Adjustable to cut tenons of all sizes from 1/4 to 11/4 inches. ComBONNEY



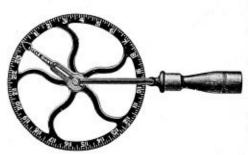
No. 4.—Bonney's adjustable. Japanned frame. Set screw adjustments. Cuts tenons from 3/8 to 1 inch, with bit stock shank ..... Each \$ 1.20 Two in a box.

SPOKE TRIMMERS



Spoke trimmer. Japanned, with adjust-No. 101.able stop gauge and thumb screw and bit stock shank. Will cut round stock 1% inches and square stock 1% inches. Each \$ 1.00 Three in a box.

TIRE WHEELS



No. 10 .- Graduated tire wheel. Cherry wood handle. Malleable iron. Finely polished. Circumference of wheel is exactly two feet, graduated by one-eighth of an inch. A durable and convenient tool for measuring lengths of tires accurately. The pointer is held in place by friction, so that it can be set instantly, and will not 

# SOCKET WRENCHES



No. 6.—Socket wrench set. Contains 7 sizes of hexagon pressed steel sockets, i. e., 17-32, 19-32, 21-32, 23-32, 13-16, 29-32, 1 3-32; one speclal spark plug socket 29-32x4; 2 screw driver bits and 1 folding handle. All packed in a neat hardwood case. The ideal set for auto-mobiles, motor boats, gas engines, pumps and light machinery in general. Fits standard sizes of hexagon cap screws, bolts and nuts. Per set ... One set in a box.

BIT BRACE

NUT WRENCHES

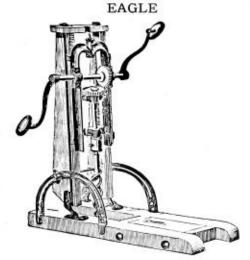


No. 100 .- Bit brace nut wrenches. For bit brace use, suitable for square or hexagon nuts. Convenient for putting on and taking off nuts in carriage work. Almost indispensable to a carriage shop. Set of wrenches comprises one each for nuts, 1/4, 5-16, 3/8, 7-16 and 1/2 inch . . . . Per set . \$ 2.00

"STERUNG BRAND FOR QUAUTY STANDS"



# BORING MACHINES

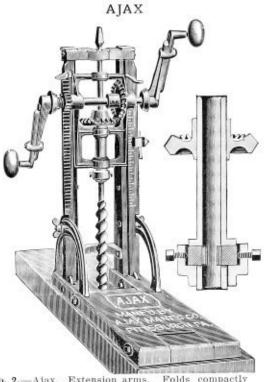


No. 4.—Eagle. Angular. Malleable iron castings, Japanned finish. Polished parts lacquered to prevent rusting. Made from straight grained seasoned hardwood.......Each § 6.50

One in a bundle.

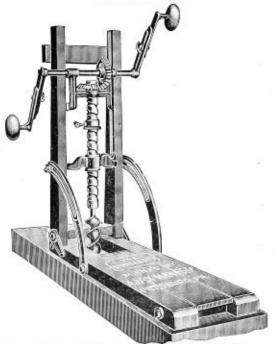


One in a bundle.



No. 2.—Ajax. Extension arms. Folds compactly withdraws automatically without stopping or changing motion. Can be used either upright or at an angle. Any carpenter's or wood-boring machine auger or brace bit can be used, no matter whether the shank is long or short, round or square. Each

PHILLIPS



"STERUNG BRAND FOR QUAUTY STANDS"

# TELEGRAPH SUPPLIES

#### CLIMBERS



#### CLIMBER STRAPS



#### SPLICING CLAMPS

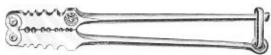


No. 53.—9 inches long. Forged from crucible steel. Half polished, spring tempered With two round and two oblong holes, for 2, 4, 6 and 8 gauge wire. Per doz. \$ 18.00 One-half dozen in a box.



No. 157.—7 inches long. Baby pattern. Forged from crucible steel. Full polished, spring tempered. With two round and two double round holes, for 12 and 14 gauge wire and 12 and 14 sleeves........Per dozen \$ 24.00 One-half dozen in a box.



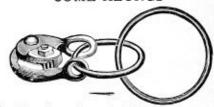


HAND VISE



No. 146.—Crucible cast steel, extra quality. Oil finished and polished jaws. 6 inches long. With loop. Each \$ 2.00 Six in a box.

#### COME ALONGS



No. 266.—Two rings. Suitable for No. 9 wire or smaller ........Per dozen \$ 11.00 One-half dozen in a package.

#### WIRE CLAMPS



#### TOOL BELTS



#### MAGNETS



English Horse Shoe Magnets. Best Quality.

Nos...... 2½ 3 4 5 6 Inches.... 2½ 3 4 5 6 Per dozen \$ 2.00 3.00 6.00 9.00 12.00 One-half dozen in a package.



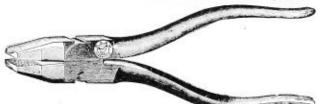
# LINEMEN'S SIDE CUTTING PLIERS



Forged from crucible steel.	Oil finished.	Polished jaws.	Raised cutters.	Box joint.	Fully guaranteed.	
Nos.				306	307	308
1101100				B	7	8
Per dozen				\$ 18.00	21.00	24.00
				-		



Forged from crucible steel.	Oil finished.	Polisited head and	jaws.	Raised	cutters.	Lap	joint. Fu	illy guaranteed.
Nos. Inches		was an accompany to the contract of the contra			406		407	408
Per dozen		· · · · · · · · · · · · · · · · · · ·			\$ 12.0	0	14.0	0 16.00
				_	The Control			



Forged from crucible steel. (	Oil finished.	Polished jaws.	Lap joint.		
Nos		245	246	247	248
Inches	4	5	6	7	8
Per dozen	\$ 6.50	8-00	9.00	11.00	14.00



Forged from highest grade of steel. Oil finished. Polished face and jaws. Special lineman's plier, beveled head and lap joint. Large opening on back for insulated wire.

and tap joint. Large opening on back for insulated wire.			
Nos.	506	507	508
Inches	6	7	8
Per dozen	\$ 16.00	18-00	20-00





 Forged from crucible steel.
 Oil finished.
 Polished jaws.
 Raised cutters.
 Handles covered with a patent insulation tested against 2,500 volts.
 Lap joint.

 Nos.
 046
 047
 048

 Inches
 6
 7
 8

27.00

30.00

5.50

# PLIERS AND NIPPERS

16

4.00

3.00

#### FLAT NOSE PLIERS



Forged. Oil fini	shed. Brig	ht jaws.	
Nos	. 4	5	6
Inches		5	6
Per dozen		3.00	4.00

One dozen in a box.

## P. S. & W. FLAT NOSE PLIERS



Forged steel.	Oil finished.	Polished	jaws,	well
Nos	fitted. Lap	204	205	206F
Inches		4	5	6

One in a carton; one-half dozen in a box.

Per dozen..... \$ 4.00

#### ROUND NOSE PLIERS



Forged.	Oil finished.	Bright	jaws.	
Nos		14	15	
Inches,		4	5	

\$ 2.40

One dozen in a box.

# P. S. & W. ROUND NOSE PLIERS



Forged steel. Oil finished. Fitted jaws. Lap joint.

Nos.,,	254	255	256
Inches,	4	5	6
Per dozen		4-80	5-50

One in a carton; one-half dozen in a box.

#### DIAGONAL CUTTING



Extra quality cast steel. Oil finished. Polished jaws.

Nos	25	26
Inches	5	6
Per dozen,	S 9.00	11.00

One-half dozen in a box.

# P. S. & W. SWEDISH DIAGONAL CUTTING



Crucible steel. Swedish pattern. Full polished. Box joint.

Nos	2275	2276
Inches	5	6
Per dozen	\$ 18.00	24.00

One in a carton; one-half dozen in a box.

#### END CUTTING NIPPERS



Cast steel. Oil finished. Polished jaws.

Nos,	34	35	36
Inches	4	5	6
Per dozen		6.00	7.00

One-half dozen in a box.

# P. S. & W. END CUTTING NIPPERS



Crucible steel. Polished jaws. Lap joint.

Nos.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	726	728
Inches,	6	8
Per dozen,	\$ 20.00	24.00

One-half dozen in a box.



## PLIERS

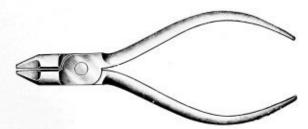
#### MILLINERS'



No. 1561.—4½ inches. Full polished. Side cutting. Lap joint...... Per dozen \$4.00

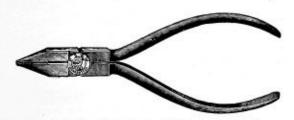
One-half dozen in a box.

#### MILLINERS'



One-half dezen in a box.

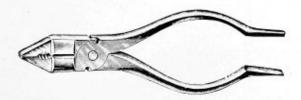
#### MILLINERS'



No. 199.—5 inches. Forged steel, full nickel-plated and polished. Side cutting jaws and round pointed nose. Lap joint. Adapted especially to milliners' use...Per dozen \$ 16.00

One in a carton; one-half dozen in a box.

#### HOUSEHOLD COMBINATION

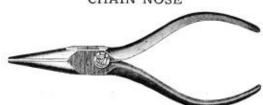


Combination flat nose plier, gas plier, side cutting plier, wire cutter, screw driver and punch. A handy household tool.

No. 327.—6 inches. Full polished......Per dozen \$ 450 No. 628.—6 inches. Nickel-plated...... " 8.00

One-half dozen in a box.

#### CHAIN NOSE



Forged from high grade crucible steel. Oil finished. Polished jaws. Chain nose, Box joint. File jaws. Designed to meet the most exacting demand of the jeweler or optician.

Nos	474	475
Inches	4	5
Per dozen	\$ 7.00	8.00

One in a carton; one-half dozen in a box.

#### LONG CHAIN NOSE



One in a carton; one-half dozen in a box.

## LONG CHAIN NOSE, SIDE CUTTING



One in a carton; one-half dozen in a box.

#### COMBINATION CUTTING AND BURNER



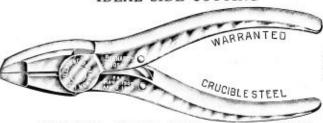
No. 75.—5 inches. Highest grade crucible steel. Polished head and jaws. Combination side cutting and burner plier. A handy and useful tool for household use and especially good for plumbers and workers with gas and electric fixtures. Per dozen \$ 10.00

One in a carton; one-half dozen in a box.



# PLIERS AND NIPPERS

#### IDEAL SIDE CUTTING



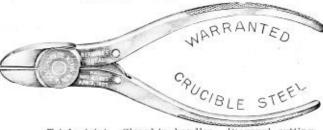
Triple joint. Closed-in handles. Extra strong and powerful cutters. Full nickel-plated. New pattern, improved.

Nos	4024	4025	4026	4027
Inches		5	6	7
Per dozen	\$ 13.00	14.00	16.00	18.00
On	e-half doze	n in a bo	x.	

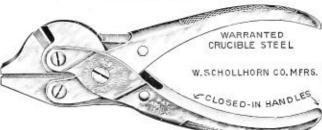
## IDEAL LONG CHAIN NOSE



#### IDEAL DIAGONAL CUTTING



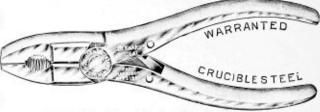
#### BERNARD CUTTING



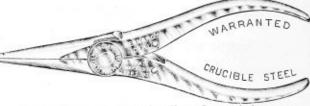
Open throat. Parallel jaws. Closed-in handles. Side edge cutting. Full nickel-plated. Features differing from all other pliers.

Nos Inches		10251/2 51/9	1026 6	10261/2 61/2	1027	1028
Per dozen	18.00		22.00	24.00	27.00	32.00

#### IDEAL GAS AND CUTTING

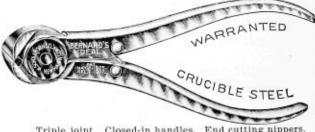


## IDEAL LONG CHAIN, CUTTING



Triple joint. Closed-in handles. Long chain nose, rounded. Side cutting. Full nickel-plated. Designed for the use of electricians, jewelers, opticians and telephone workers.

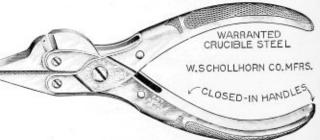
#### IDEAL END CUTTING



Triple joint. Closed-in handles. End cutting nippers. Full nickel-plated. For general use where an end cutting

Nos	4253	4254	4255
Inches	3	4	5
Per dozen		14.00	16.00
One-half	dozen in a	box.	

#### BERNARD CUTTING, LIGHT



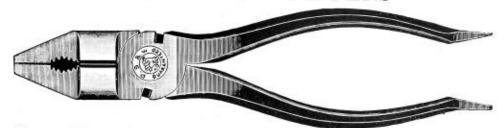
Open throat. Parallel jaws. Closed-in handles. Light pattern. Edge cutting. Full nickel-plated. Features all its own.

Nos.	1055	1056
Inches	5	6
Per dozen	\$ 17.00	21.00
One-half doze	n in a box.	

"STERUNG BRAND FOR QUALITY STANDS"

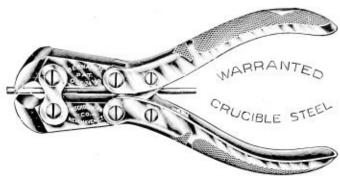


# PLIERS AND NIPPERS



Forged from crucible steel. Oil finished. Polished head and jaws. Lap joint. Combination flat nose plier, gas plier, side cutting plier, wire cutter, screw driver and punch. Extra heavy and fully guaranteed.

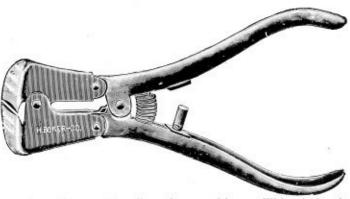
Nos,		707	708
***************************************	- 0	7	8
Per dozen	\$ 13.00	15.00	17.00



Open throat jaws. End cutting. Spring-in handle. Full nickel-plated. All parts interchangeable. The compound system of leverage makes this tool a very powerful cutter.

No. 1255 5 inches long.	Cuts 3-32 wire Per	dozen	\$ 21.00
No. 1256 6 inches long.	Cuts 1-8 wire	64	24.00
No. 1257.—7 inches long.	Cuts 5-32 wire	66	27.00

One-half dozen in a box.



Forged steel. Polished jaws, Japanned handles. Compound lever. With spiral spring. End cutting. The leverage makes this a powerful tool.

One-half dozen in a box.

#### CAREW'S NIPPERS



Forged steel.	Adjustable	jaws o	of extra	quality.
---------------	------------	--------	----------	----------

I Of Ecd Steet. Staffastant James	The second second second		
Nos	10N	12N	14N
Nos,	10	12	14
Length, inches		5.00	6.00
Each	1.20	1.30	1.40
Entre terre nor noir			

One pair in a package.

STERUNG BRAND FOR QUALITY STANDS



# PLIERS AND WIRE CUTTERS



	Corged tool steel.	Oil finished	With positive sto	p.		
Nos				906	908	910
Inches				6	8	10
Per dozen				\$ 4.50	6.00	8.00
			ozen in a hov.			

## BUTTON'S GENUINE



Cast steel. Oil finished. Pol	lished jaws.			
Nos.	206	208	210	212
Inches	6	8	10	12
Per dozen	\$ 7.00	8.00	10.00	16.00
One-half dozen in a	box.			

#### SAMSON



Forged tool steel. Oil finished. Polished jaws. With positive stop when opened ready to receive the wire. Milled nose for pulling or straightening wire. 8812 886 888 8810 Nos.... 12 Inches 10 13.00 Per dozen..... 6.00 7.00 9.00 \$ 4.00 One in a carton; one-half dozen in a box.

CRONK'S



Forged steel. Oil finished. Polished jaws. Can be used as gas plier as well as wire cutter. The concave and convex circles between the handles may be used for bending wire.

Nos.

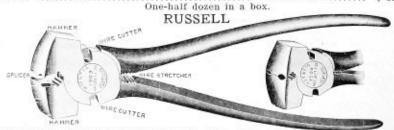
1025

1101

Per dozen

1 4.00

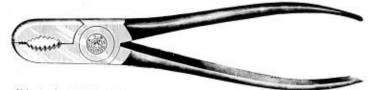
1 8.00





# GAS PLIERS

BURNER

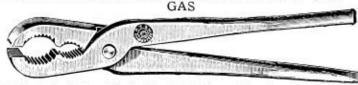


Drop forged from solid steel. Polished head. Finished handles. Well tempered. Fully	warranted.	+
Nos	45	46
Per dozen	5	6
PHENCE AND CAS	4.50	5.50

#### BURNER AND GAS



			The second secon			
Drop forged from solid steel.	Gas and burner.	Polished head	and finish	ed handles.	Well tempered	
Nos.				147	148	1410
AMORNO CARACACACACACACACACACACACACACACACACACAC				- 7	8	10
Per dozen One in a carton; one-ha	ilf dozen in a box			\$ 6.00	7.50	9.00
one in a current, one no	ne dosen in a box			\$ 0.00	1.50	9.00



Drop forged from solid steel	. Full polished.	Lap joint.	Screw-driver	r handle. Spring	tempered. Fully	warranted.
Nos. , , ,			138	1310	1312	1314
Inches			8	10	12	14
Per dozen			\$ 7.50	9.00	12.00	15.00
A	Ill above one in	a carton: o	ne-holf dozen	n in a hov		

# COMBINATION PLIERS



one in a carton; one-half dozen in a box.			
Nos.	06	08	010
Inches	6	8	10
Per dozen	\$ 6.50	9.00	11.00



Drop forged from highest grade tool steel. Full nickel-plated and polished. Extra quality and finish throughout. Combination plier, receded wire cutter and screw driver. Slip joint. One in a carton; one-half dozen in a box.

60
80
100
Inches 6
8 10
Per dozen 8 12-00
14-00
16-00





# CARPENTERS' PINCERS

#### GERMAN



Forged steel. Oil finished. Bright steel jaws.

No. 1016.—6 inches long	dozen	\$ 2.70
No. 1018.—8 inches long	"	4.50

One-half dozen in a box.

#### P. S. & W. HAMMER HEAD



Solid cast steel. Polished jaws. Hammer head. Extra quality. Warranted.

Nos.	436	438	4310
fucties	6	8	10
Per dozen	\$ 4.00	5.50	7.00

One-half dozen in a box.

#### SARGENT'S



Steel face. Polished jaws. Extra quality. Warranted.

Nos		428	4210
Inches	6	8	10
Per dozen		6.50	8.00

One-half dozen in a box.

# SHOE PINCERS



One-half dozen in a box.



# FARRIERS' PINCERS





No. 2110.—10 inches long.

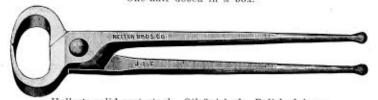
No. 2112.—12 inches long.

One-half dozen in a box.

Heller's solid cast steel. Oil finished. Polished jaws.

Per dozen \$ 10.00

24.00



No. 2014.—14 inches long.

No. 2016.—16 inches long.

One-fourth dozen in a box.

Heller's solid cast steel. Oil finished. Polished jaws.

Per dozen \$ 30.00

36.00

# HOOF PARERS



# CUTTING NIPPERS



# CLINCH TONGS



 148

# BOLT CLIPPERS

PORTER'S NEW EASY



No. 0 .- New Easy. Length 18 inches. Weight 3 lbs. Cuts 5-16-inch bolts,..... Each \$ 4.00

No. 2 .- New Easy. Length 30 inches. Weight 9

TIP



Length 241/2 inches. Weight 6 No. 1.-New Easy. Each \$ 5.00 lbs. Cuts 3/8-inch bolts ......



New Easy. Length 36 inches. Weight 13 No. 3.-Ths. Cuts %-inch bolts ...... Each \$ 9.00

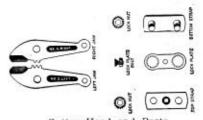
tbs. Cuts 1/2-inch bolts...... Each \$ 7.00 One in a package. New Easy bolt clippers have forged steel adjustable jaws, rubber buffers and set screw adjustment. Made extra strong, in fact have the efficiency of power cutters with the great advantage of portability. Capacities above given are for threads of bolts—when used for cutting rods, the next larger size should be used. All parts interchangeable and can be replaced at slight expense. See cuts of repair parts below.

#### ELM CITY END CUTTING



No. 10.—Elm City. Length 24 inches. Cuts 3/8-inch bolts and rivets. Japanned handles and all parts inter-changeable. End cutting. A practical tool for clipping off the ends of bolts or rivets in overhead work or reaching places inaccessible with other tools. Also useful for machinists, wagon builders and blacksmiths ..... One in a package.

## REPAIRS FOR NEW EASY CLIPPERS



Handles and Parts.

Cutter Head and Parts. In these two cuts are shown all the component parts of the New Easy clipper. Be sure to specify according to names given. When ordering jaws, handles, sections and connecting bolts, always state whether right or left hand are wanted.

Repair parts not carried in stock; shipped from factory direct.

# BLACKSMITH TONGS

STRAIGHT LIP

FORGING



Straight lip. Wrought iron. Oil finished. No. 60.—Inches..... 18 20 6.50 7.00 8.00 One-third dozen in a package.

Heller's solid steel Farriers' Tongs.

No. 40.-Length assorted, 12 to 17 inches. Per doz. \$ 8.00



No. 1.—Japanned cast steel blade. Wood handle......



# CALIPERS AND DIVIDERS

#### INSIDE



Cast steel. Polished. Heavy washer. No. 205 .- Inches. -Inches. 3 4 5 6 8 10 12 Per dozen \$2.00 2.50 3.00 3.50 4.00 5.00 6.00 One-half dozen in a box.

#### OUTSIDE



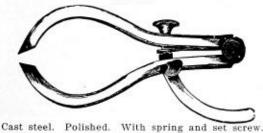
Cast steel. Polished. Heavy washer. No. 210.—Inches... 3 4 5 6 10 12 Per dozen \$2.00 2.50 3.00 3.50 4.00 5.00 6.00 One-half dozen in a box.

#### DOUBLE



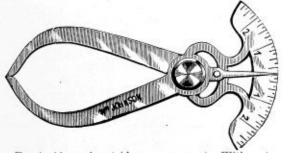
Cast steel. Polished. Combined inside and outside. One-half dozen in a box.

#### WING



6.50

#### REGISTERING



For inside and outside measurement. With set screw. Nickel-plated.

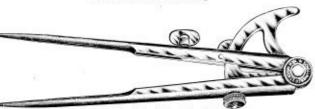
No. 115.—Inches..... Per dozen. \$9.00 11.00 One-half dozen in a box.

WING DIVIDERS



Forged polished steel. Carefully tempered spring. Brass joints. Hardened points. Wing nuts. 

#### WING DIVIDERS



Wrought steel, full nickel-plated. Fine adjustment. Tempered wire points.

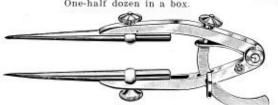
No. 350.—Inches..... 6 10 Per dozen.... \$ 8.00 One-half dozen in a box. 10.00 12.00

#### EXTENSION DIVIDERS



Forged, tempered, steel pointed and brass jointed. Single leg, one movable point. Adjustable point may be removed and the lead pencil inserted. Light, strong and

accurately adjusted. 12-00 13 00



Forged, tempered, steel pointed and brass jointed. Double leg, two movable points. One or both points may be removed and lead pencil inserted. Light, strong and accurately adjusted.

No. 19.—Inches....... 6
Per dozen.... \$ 12.00
One-half dozen in a box. 13.00 14.00 PENCIL

GEM SCRIBERS ATTACHMENTS

Wrought steel, No. 9 .- Gem Scriber, improved. polished. Extension point ...... Per dozen \$4.50 One dozen in a box.

No. 75.—Pencil attachment. Nickel-plated. Can be used on dividers or compasses... Per dozen \$1.50 One dozen on display card.

# SCREW PLATES

#### CHAMPION EASY



No. 1B .- Stock 151/2 inches long. With adjustable tap wrench. Cutting ½-20, 5-16-18, ½-16, 7-16-14, ½-20. Taps and dies in varnished hardwood hinged cover box.....Per set \$ 9.75



No. 2B.—Two stocks, one 15½ inches long for the ¼ and ¾; the other 23 inches long for the ½, ½ and ¾. With adjustable tap wrench. Cutting ¼-20, ¾-16, ½-12, ½-11, ¾-10. Taps and dies in varnished hardwood hinged cover box ....... Per set \$ 11.10



No. 5B.—Two stocks, one 15½ inches long for the ½, 5-16, ¾ and 7-16: the other 23 inches long for the ½, ¾ and ¾. With adjustable tap wrench. Cutting ¼-20, 5-16-18, ¾-16, 7-16-14, ½-12, ⅓-11, ¾-10. Taps and dies in varnished hardwood hinged cover box..... Per set \$ 13.00

WORKSTAR COMP WENCH WITH THE FACE SET Like CHAMP ON DIOWER & CORRESPONDED TO THE

No. 7B.—Two stocks, one 15½ inches long for the ¼, 5-16, ¾ and 7-16; the other 26 inches long for the ½, 5%, ¾, ⅙ and 1-inch. With adjustable tap wrench. Cutting 1/4-20, 5-16-18, %-16, 7-16-14, 1/2-12, 5/2-11, 3/4-10, 7/2-9, 1-8. Taps and dies in varnished hardwood hinged cover box. Per set ...... \$ 21-15

The "easy" dies furnished with above sets are simple in construction, compact and neat in design. Adjustable by use of a taper head screw with a taper nut, thus being braced on both sides and perfectly rigid and solid. The champion electric adjustable tap wrench also supplied with above, has a square socket to fit the square shank of each sized tap in the set. Covering the four sides of the tap it holds solid and firm. The hub shape keeps the tap always in the center. Never becomes top-heavy and can be taken in the palm of the hand for starting a tap. Every part fully guaranteed, yet moderate in price.

#### LITTLE GIANT



No. 2.—Stock, 23 inches long. Collets, 23/4 inches in diameter, with adjustable tap wrench, cutting  $\frac{1}{4}$ -20,  $\frac{3}{8}$ -16,  $\frac{1}{2}$ -12,  $\frac{5}{8}$ -11,  $\frac{3}{4}$ -10. Taps, dies and collets. In varnished hardwood box, hinged cover ..... Per set \$ 13.50



No. 5 .- Stock, 23 inches long. Collets, 23/4 inches in diameter, with adjustable tap wrench, cutting  $\frac{1}{4}$ =20, 5-16-18,  $\frac{3}{6}$ =16, 7-16-14,  $\frac{1}{2}$ =13,  $\frac{3}{6}$ =11,  $\frac{3}{4}$ =10. Taps, dies and collets. In varnished hardwood box, hinged cover.



No. 4 .- Stock, 26 inches long. Collets, 23/4 inches in diameter, with adjustable tap wrench. cutting 1/2-13, 5/8-11, 3/4-10, 3/8-9, 1-8. Taps, dies and collets. In varnished hardwood box, hinged cover..... ...Per set \$ 17.50



All furnished in U. S. Standard Thread.



# STOCKS AND DIES

## BLACKSMITHS'



With set screw at end.

No.	15. —Cuts 1¼ inches to ½-inch right hand. 1 taper tap each, 1¼ to %-8; % to ¾-10; ¾ to %-10; % to ½-12; ½ to 3%-12. Also 3 sets of dies	10.00
No.	21. —Cuts 1 inch to ½ inch right hand and 1 inch to ¾ inch left hand. 1 taper tap each, 1 to ¾-9: ¾ to 5%-12; 5% to ½-12 right hand and 1 to ¾-9 left hand. Also 3 sets of dies	6.00
No.	23. —Cuts 1 inch to 3% inch right hand. 1 taper tap each, 1 to 34.9; 34 to 14.10; 1/2 to 38.14. Also 3 sets of dies	5.00
No.	32. —Cuts ¾ inch to ¾ inch right hand and ¾ to ¾ left hand. 1 taper tap each, ¾ to ½-10; ½ to ¾-14 right hand and ¾ to ½-10; ½ to ¾-14 left hand. Also 4 sets of dies	5.00
No.	32.A—Cuts $\frac{3}{4}$ inch to $\frac{1}{16}$ inch right hand. 1 taper tap each, $\frac{3}{4}$ to $\frac{5}{8}$ -10; $\frac{5}{8}$ to $\frac{1}{2}$ -11; $\frac{1}{2}$ to $\frac{3}{8}$ -12 and $\frac{7}{16}$ to $\frac{5}{16}$ -14. Also 4 sets of dies	5.00
No.	32B.—Cuts ¾ inch to ½ inch right hand. 1 taper tap each, ¾ to 5/8-10; 5/8 to 1/2-12; 1/2 to 3/8-14; 3/8 to ½-16.  Also 4 sets of dies	5.00
No.	34. —Cuts ¾ inch to ¼ inch right hand. 1 taper tap each, ¾ to ½-10; ½ to ½-12; ½ to ½-12; ½ Per set	4.50
No.	34A.—Cuts ¾ inch to ¼ inch right hand. 1 taper tap each, ¾ to ½-10; ½ to ½-12; ½ to ½-14. Also 3 sets of dies	4.50
No.	34B—Cuts ¾ inch to ¼ inch right hand. 1 taper tap each, ¾ to ½-12; ½ to ½-14; ½ to ½-16. Also 3 sets of dies	4.50
No.	37. —Cuts % inch to ¼ inch right hand. 1 taper tap each, % to ½-14; ½ to ¾-14; ½ to ½-18; ¾ to ½-18; ¾ to ½-18; ½ Per set	4-25
No.	37A.—Cuts % inch to ½ inch right hand. 1 taper tap each, ½ to ½-12; ½ to ¾-12; ½ to ½-14; ¾ to ½-14; % to ½-14; —Per set	4-25
No.	37B.—Cuts 5% inch to 1% inch right hand. 1 taper tap each, 5% to 1/2-14; 1/2 to 3/8-14; 1/2 to 1/6-16; 3% to 1/6-16: 1/2 to 1/4-18; 1/4 to 1/8-18. Also 3 sets of dies	4-25
No.	41. —Cuts ½ inch to ½ inch right hand. 1 taper tap each, ½ to ¾-16; ¼ to ¼-16; ¼ to ¼-20; ¼ to ½-20; ½ to ½-26. Also 3 sets of dies	3.25
No.	41A.—Cuts ½ inch to ½ inch right hand. 1 taper tap each, ½ to ½-14; ½ to ½-14; ¾ to ½-16; ½ to ½-16; ½ to ½-18; ¼ to ½-18. Also 3 sets of dies	3.25
No.	41B.—Cuts ½ inch to ½ inch right hand. 1 taper tap each, ½ to ¾-16; ¼ to ¼-16; ¼ to ¼-18; ¼ to ½-18: ¼ to ½-20; ¼ to ½-20. Also 3 sets of dies	3.25
No.	42.—Cuts ½ inch to ½ inch right hand and ½ to ½ inch left hand. 1 taper tap each, ½ to ¾-14; ½ to ½-14; ½ to ½-14; ½ to ½-20 right hand and ½ to ¾-14; ½ to ½-14 left hand. Also 3 sets of diesPer set	3.50
No.	53. —Cuts % inch to % inch right hand. 1 taper tap each, % to %-16; 1/4 to 1/8-20; % to 1/8-24; 1/8 to 1/8-32.  Also 4 sets of dies	2.75

One set in a package.



With side set screw

No	. 27.—Cuts ¾ inch to ½ inch right hand. One taper tap each, ¾ to ½-10; ½ to ½-10; ½ to ½-12; ½ to ½-12; ½ to ½-12; ½ to ½-16. Also 3 sets of dies	6.50
No.	. 60.—Cuts ¾ inch to ¼ inch right hand. One taper tap each, ¾ to ½-10: ½ to ½-12: ½ to ½-14: ½ to ½-14: ½ to ½-14: ½ to ½-18. Also 4 sets of dies	6.50
No.	. 51.—Cuts ½ inch to ½ inch right hand. One taper tap each ½ to ¾-14; ½ to ½-14; ¾ to ½-18; ½ to ½-18; ½ to ½-22. Also 3 sets of dies	4.50

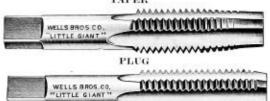
One set in a package.

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# TAPS, COLLETS AND TAP WRENCHES





# BOTTOMING



	No.	of Thread	ls to l	Inch			
Diameter	U.S. Stand	Other U. S. S. Form	V-Form	Whit.	Total Length, Inches	Each	Per set
3-16	32	24-27-30	24	24	2 3-8	8 0.35	\$ 1.05
1-4	20	24-27-28	20	20	2 1-2	.45	1.35
5-16	18	20-24-27	18	18	2 23-32	-50	1.50
3-8	16	20-24-27	16	16	2 15-16	-55	1.65
1-2	13	12-20-27	12	12	3 3-8	.70	2.10
5-8	11	12-18-27	11	11	3 13-16	-90	2.70
3-4	10	12-16-27	10	10	4 1-4	1.20	3.60
7-8	9	12-14-27	9	9	4 11-16	1.60	4.80
1	8	12-14-27	8	8	5 1-8	2.00	6.00
1 1-8	7	12	7	7	5 7-16	2.25	6.75
1 1-4	7	12	7	7	5 3-4	2.60	7.80

All orders filled with United States standard threads unless otherwise specified. All threads, sizes and lengths not specified are special and subject to special prices. Left hand threads are special. One set in a box.

#### BLACKSMITHS' TAPER



Olean	Number of thread	1	
Sizes	Right Hand	Left Hand	Each
1-8	30, 32	1 780	\$ 0.30
3-16	20, 24, 26, 32	24	.30
1-4	16, 18, 20, 22, 24, 26	20	-30
5-16	16, 18, 20, 22	18	-30
3-8	12. 14. 16. 18	16	-35
7-16	12, 14, 16, 18	14	-40
1-2	12. 13. 14. 16	12. 13. 14	-40
9-16	10, 12, 14	12	-50
5-8	10. 11. 12. 14	10. 11. 12	-50
3-4	8, 9, 10, 12	10, 12	.65
7-8	8. 9. 10	9	.90
1	7. 8. 9. 10	8, 9	1.25
1 1-8	7.8	7	1.50
1 1-4	6, 7, 8, 9	7, 8, 9	1.75

All sizes and threads not listed are special and subject to special prices.

#### TAPS, DIES AND COLLETS BIT BRACE



With the bit brace collet and die, threads can be cut with great rapidity, and it can be used in places where a screw plate cannot.

Inches	3-16	1-4	5-16	3-8	7-16
Threads				16	30000
Each	\$ 1.90	1.90	1.95	2.25	

# 

Ammunumum 1

LITTLE GIANT

Inches.....

Machine relie	ved. Rigl	ht-hand t	hread.	3/4
Inches \$ 1.12	1.25	1.50	1.87	2.50
Inches	\$ 3.12	$\frac{11/4}{3.75}$	1½ 4.62	2 6-25
Left-hand thread				
Inserted Lands	taps. Ri	ght-hand	thread.	

One set in a box.

#### MACHINE SCREW

33         72         64         .35         4.0           66         64         56         .35         4.0           9         56         48         .35         4.0           2         48         40-36         .35         4.0           5         44         40-36         .35         4.0           8         40         36-32         .35         4.0           1         36         32-30         .35         4.0           4         36         32-30         .35         4.0           7         32         30-24         .35         4.0           0         30         32-24         .35         4.0           6         28         24         .35         4.0           2         24         20         .38         4.4           2         24         .20         .38         4.4           8         22         20         .38         4.4	Each	Threads Also furnished	Standard No. of Threads A.S.M.E.	Decimal Size	Number
66 64 56 .35 4.0 9 56 48 .35 4.0 2 48 40-36 .35 4.0 5 44 40-36 .35 4.0 8 40 36-32 .35 4.0 1 36 32-30 .35 4.0 4 36 32-30 .35 4.0 7 32 30-24 .35 4.0 0 30 32-24 .35 4.0 6 28 24 .35 4.0 2 24 20 .38 4.4 8 22 20 .38 4.4	\$ 0.3			-060	0 1 2 3 4 5 6 7 8 9
9 56 48 .35 4.0 2 48 40-36 .35 4.0 5 44 40-36 .35 4.0 8 40 36-32 .35 4.0 1 36 32-30 .35 4.0 4 36 32-30 .35 4.0 7 32 30-24 .35 4.0 0 30 32-24 .35 4.0 6 28 24 .35 4.0 2 24 20 .38 4.4 8 22 20 .38 4.4				-073	1
2     48     40-36     .35     4.0       5     44     40-36     .35     4.0       8     40     36-32     .35     4.0       1     36     32-30     .35     4.0       4     36     32-30     .35     4.0       7     32     30-24     .35     4.0       0     30     32-24     .35     4.0       6     28     24     .35     4.0       2     24     20     .38     4.4       8     22     20     .38     4.4	-3			-086	8
8     40     36-32     .35     4.0       1     36     32-30     .35     4.0       4     36     32-30     .35     4.0       7     32     30-24     .35     4.0       0     30     32-24     .35     4.0       6     28     24     .35     4.0       6     28     24     .35     4.4       8     22     20     .38     4.4       8     22     20     .38     4.4	-3			-099	3
8     40     36-32     .35     4.0       1     36     32-30     .35     4.0       4     36     32-30     .35     4.0       7     32     30-24     .35     4.0       0     30     32-24     .35     4.0       6     28     24     .35     4.0       6     28     24     .35     4.4       8     22     20     .38     4.4       8     22     20     .38     4.4	-3			.112	4
1 36 32-30 .35 4.0 4 36 32-30 .35 4.0 7 32 30-24 .35 4.0 0 30 32-24 .35 4.0 6 28 24 .35 4.0 2 24 20 .38 4.4 8 22 20 .38 4.4	-3			.125	5
0 30 32-24 .35 4.0 28 24 .35 4.0 2 24 20 .38 4.4 8 22 20 .38 4.4	.3			.138	6
0 30 32-24 .35 4.0 28 24 .35 4.0 2 24 20 .38 4.4 8 22 20 .38 4.4	.3			.151	7
0 30 32-24 .35 4.0 28 24 .35 4.0 2 24 20 .38 4.4 8 22 20 .38 4.4	-3			-164	8
6 28 24 .35 4.0 2 24 20 .38 4.4 8 22 20 .38 4.4	.3			-177	9
2 24 20 .38 4.4 8 22 20 .38 4.4	-3			-190	10
8 22 20 .38 4.4				-216	12
	-3			.242	14
4 90 19 38 4.4				-268	16
	.3	18	20	.294	18
0 20 18 .45 5.3	-4			.320	20
				-346	22
				.372	24
8 16 14 .53 6.3				-398	26
				-424 -450	28 30

Taps have the size of the necessary twist drill to be used stamped on shank. All sizes and threads not listed will be considered special and subject to special prices. Left hand taps are special. Less than 6 of a size and thread will be charged at rate of single taps.

#### ADJUSTABLE TAP WRENCHES FOR MACHINISTS' TAPS.



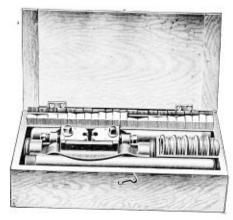
	Ja	ws of best to	ool s	teel. S	uita	ble fo	r ma	chi	nists	taps and r	eamer	s.
No.	00.	-Length,	5	inches	for	Taps	3-16	in.	and	smaller	Each	\$ 1.25
No.	0.	Length,	7	inches	for	Taps	1-16	to	1-4	inch	14	1.50
No.	5.	-Length,	101/2	inches	for	Taps	3-16	to	1-2	inch	. 44	2.00
No.	6.	-Length,	15	inches	for	Taps	1-4	to	3-4	inch	46	2.50
No.	7.	-Length,	20	inches	for	Taps	3-8	to	1	inch	46	3.50
No.	71/	Length,	30	inches	for	Taps	3-8	to	1 1-4	inches	- 11	6.50
No.	8.	-Length,	42	inches	for	Taps	3-4	to	1 1-2	inches	. "	8.00



# PIPE STOCKS AND DIES

## ARMSTRONG PATTERN, ADJUSTABLE







No. 2½A.—Armstrong pattern. Adjustable. Threads pipe 1-2, 3-4, 1, and 11-4-inch, right hand. The 1-2 and 3-4 and 1 and 11-4 dies are double ended and the change from one to the other is made by simply reversing the dies end for end. Complete in finished hardwood case. Per set.



Armstrong pattern adjustable stocks and dies are standard in size and design. All parts interchangeable with any standard make of this pattern. The dies are made of the highest quality of tool steel. Every set fully guaranteed. Furnished regularly with Briggs standard right hand thread dies.

#### SOLID DIE



Malleable for wrought iron or steel pipe.

0	1	11/2	2
1/8 1/4 3/8 1/2	1/4 3/9 1/2 3/4 1	3/4 1 11/4	11/4 11/2 2
2x1/2	21/2×3/4	3x3/4	4x7/8
\$ 9.50	15.00	13.50	20.00
3.50	5.00	6.00	9.50
1.50	2.00	2.50	3.59
	1/8 1/4 3/8 1/2 2x1/2 8 9.50 3.50	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$

One set in a box.



## WRENCHES

#### AGRICULTURAL



	Iron bar, head and	screw. Hardwoo	od handle.		
Length, inches	6	8	10	12	15
Opens, inches	11/4	11/2	17/8	2	21/2
Per dozen	\$ 10.00	12.00	14.00	17.00	24.00
		zen in a package	Э.		

#### KNIFE HANDLED



Wrought iron bar, head and	screw.	Extra heavy.	Hardwood	kniie handle.		
Length, inches 6	8	10	12	15	18	.21 .
Opens, inches 18	1 70	13/4	2 16	25/8	215	4
Per dozen \$ 9.00	10.00	12.00	14.00	24.00	30.00	36.00
6 to 15 inches inclusive, one-half dozen	in wood	box. 18 and 2	1 inches one	e-third dozen in	a package.	

#### PERFECT HANDLE



Bar, from head to end of handle drop forged from bar steel. Yoke joins top and bottom strap of sliding jaw rigidly. Water proofed handle, locked in. Long thread bearing in sliding jaw. Length, inches ..... 10 12 21 6 8 the ens. inches  $1\frac{1}{10}$   $1\frac{1}{10}$  Opens, inches ..... Per dozen

#### BRIGGS PATTERN



Head, bar and shank, one-piece steel forging. Long nut or sleeve. Plain finish. Hardwood handle. Length, inches ..... 8 10 12 18 15 Opens, inches ..... 21/4 21/4 Per dozen ..... \$ 10.00 12.00 14.00 24.00 30.00 One-half dozen in a box.

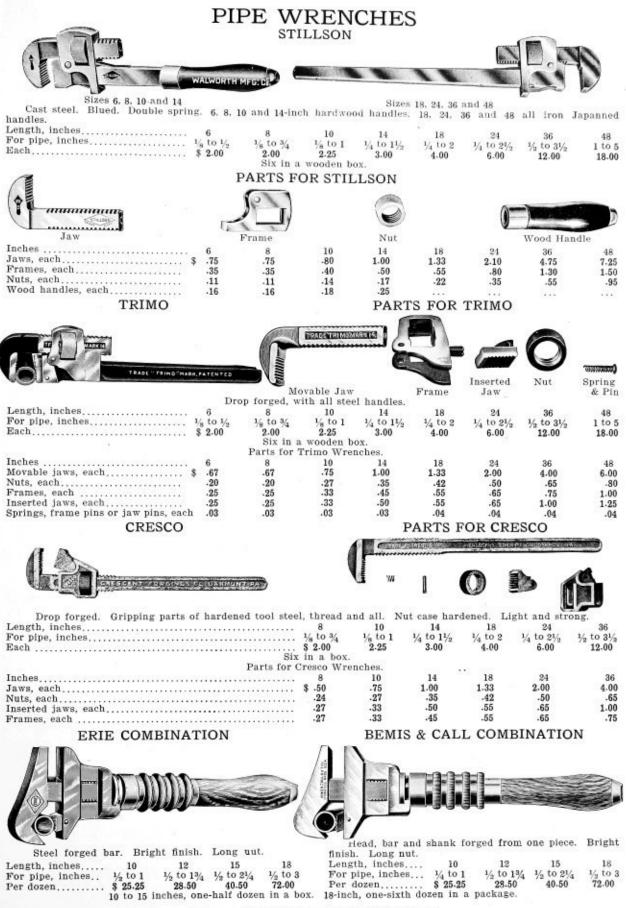
#### STEEL HANDLE



Bar forged from special open hearth steel and made oval front and back,—stronger than square bar. Slide of very tough semi-steel and especially constructed by re-inforcement to the jaw to withstand great strain. ating screw solid and made of high grade steel. Handle semi-steel, hollow and powerfully braced internally; forced on to the shank under great pressure and securely riveted in place both on the tip and with a lateral pin rivet. The handle furnishes a strong support to the screw and being oval in form fits the hand. All parts carefully case hardened by improved methods

Langth inches		3.0	10	15		
Length, inches 6	8	10	12	15	18	21
Opens, inches 7%	11/4	13/4	21/4	25/9	3	41/8
Per dozen \$ 9.00	10.00	12.00	14-00	24.00	30.00	36.00
	One-half do	zen in a box.				





## WRENCHES

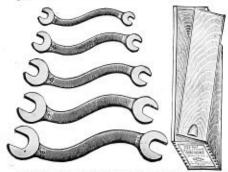
#### DROP FORGED GENERAL PURPOSE



Milled openings and Drop forged, semi-finished. 221/2° angle. For use on the farm-plows, hardened. 221/2° angle. For use on the farm-plows, carriages, wagons, etc., and for general service where a

carringes, and one, comme	
light, strong wrench is desired.	
No. 475B.—Length 61/4 inches; heads 3/2 inch thick.	
Openings 3/8 and 1/6 inchPer doz.	2.40
No. 477B.—Length 71/8 inches; heads 1/4 inch thick.	
Openings 1/2 and 1/2 inchPer doz.	3.00
No. 479B Length 81/4 inches; heads is inch thick.	
Openings % and 11 inchPer doz.	3.96
No. 481B.—Length 91/4 inches; heads 3/8 inch thick.	
Openings 3/4 and 12 inch Per doz.	5.04
No. 483B.—Length 103% inches; heads \(\gamma_6\) inch thick.	
Openings % and 1 inchPer doz.	6.12

#### GENERAL PURPOSE IN SETS



No. 3 .- Assortment of general purpose wrenches Semi finished. Consisting of one wrench each Nos. 475B, 477B, 479B, 481B and 483B as above described. In all 5 wrenches giving 10 popular milled openings-no duplicates—that will meet the requirements of ordinary work. Put up in a neat slide cover wood box as illustrated ..... Per set \$ 1.85

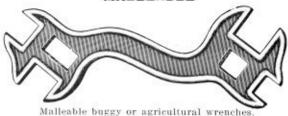
#### RONSON



-Length 6 inches; weight 8 ounces. High Ronson. carbon steel, tempered and heavily nickel plated. In reality 9 wrench heads handling U. S. Standard nuts from  $\frac{1}{6}$  to  $\frac{1}{16}$  inch diameter as well as many set and cap screw sizes and Prestolite tank key. Extra thin, with wing nut adjust-ment. Invaluable for use about the automobile, motor boat, motor cycle or ......Per doz. \$ 18.00 similar work

One-twelfth dozen in a carton.

#### MALLEABLE



Arnholt.—71/4 inches long. Openings, 7/8 & 1/2 and 5/8 & 3/4 inches. Square hole 1/2 inch opening; oblong hole 1/6 by 1/8 inch opening .. Per doz. \$ 1.20

One dozen in a bundle.

#### WESTCOTT



Westcott adjustable. Malleable iron handle and forged steel jaw. Can be used in many places inaccessible to the ordinary screw wrench.

Nos	76	78	80	82	84
Length, inches		8	10	12	14
Opens, inches	3/4	1	13/8	15%	2
Per dozen	\$ 7.20	9.00	12.00	15.00	21.00

One-half dozen in a box.

#### WESTCOTT PIPE



Westcott adjustable pipe. Malleable iron handle and forged steel jaw. Tool steel pipe grip. A convenient wrench for steam or gas fitters' use as it can be used to advantage in corners or in contracted spaces. Has a firm grip and releases quickly.

Nos	86	88	90	92	94
Length, inches	6	8	10	12	14
Takes pipe, inches	1/8-3/8	1/8-3/4	1/8-1	1/4-11/4	1/8-11/2
Per dozen		15.00	18.00	24.00	30.00

One-half dozen in a box.

#### CRESCENT



Crescent Adjustable. Drop forged handle; special steel jaw; entire wrench carbonized, hardened in oil and tempered. Polished.

Nos 06	08	010	012
Length, inches 6	8	10	12
Opens, inches 3/4	18	11/8	115
Per dozen \$ 9.60	12.00	15.00	19.20

One-twelfth dozen in a carton.

#### WESTCOTT PARTS



Repair parts for Westcott wrenches.

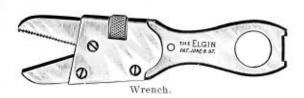
Inches	6	2	10	12	14
No. 1.—Handle Each \$	.45	.60	.75	1.05	1.65
No. 2.—Jaw "	.23	-30	.45	.53	.60
No. 3.—Thumb screw "	.15	.18	.23	.23	.30
No. 4.—Pin for thumb screw "	.08	.08	-08	.08	-08
No. 5.—Grip for pipe wrench "	-38	.53	-60	.75	.90
No. 6.—Serew for grip "	-08	.08	.08	-08	-08

When ordering repairs for Westcott wrenches be sure to specify-the make, the size and whether for nut or pipe wrench.



## WRENCHES

#### ELGIN









Loose Jaw.

Extra Dies.

No. 1905.—Elgin. 7 inches long. Full nickel-plated. One loose jaw, regulated by thumb nut, gives this wrench One dozen in a box.

Attachment for Elgin Wrench. Can be attached to any Elgin Wrench, 1905 pattern. Is a ratcheting attachment and will re-thread damaged bolts in corners and angles, without moving the bolt from its position. With one die, (either 1-4, 5-16, 3-8, 7-16, or 1-2-inch bolt, standard thread). In ordering, state what 

Extra Dies for use in above attachment, 1-4, 5-16, 3-8, 7-16, or 1-2-inch, bolt standard thread ............Per dozen 6.00

#### HANDY



No. 1 .- Handy. Cast steel, oil tempered, blued and polished. 51/2 inches long. Holds pipe 1/8 to 3/4 inches and round iron 1/4 to 3/4 inches. Per dozen..... \$ 4.00

One dozen in a box.

#### HAWKEYE COMBINATION



No. 200.-Drop forged carbon steel. Gun metal finish. Holds pipe 1/8 to 3/4-inch and round iron 3-16 to 1 1-8 inches. Length 81/2 in. With dies 5-16, 3-8 and 1-2 inch, which are intended to restore threads on bolts. A handy wrench for use about the farm or blacksmith shop ......... Per dozen \$ 18.00

One-half dozen in a box.

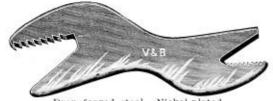
#### ALLIGATOR



No. 2 .- Alligator. Cast steel, drop forged and oil tempered. 9 inches long. Holds pipe 3/4 to 3/4 inches and round iron 1/2 to 1 inch. Per dozen..... \$ 12.00

One dozen in a box.

#### ALWAYS READY



Drop forged steel. Nickel-plated.

2A 21/2A 3A Length, inches,, 5 7 11 Holds nuts or pipe 1/4 to 3/4 3/4 to 13/4 1/4 to 11/4 1/4 to 13/4 Per dozen..... \$ 5.00 6.75 10.50 16.00

One-half dozen in a box.

Alligator. Extra warranted steel, drop forged and oil tempered. Natural finish body with polished ribs on jaws. Milled teeth.

No. 3 .- 15 inches long. Holds pipe 1/2 to 11/4 inches and round iron 3/4 to 1% inches. Per dozen \$ 24 00

No. 4 .- 22 inches long. Holds pipe 11/4 to 2 inches and round iron 11/2 to 21/2 in. Per dozen

One dozen in a case.

#### BAXTER "S"



Cast steel. Polished. Adjustable.

Nos.,	6B	8B	10B
Length, inches	6	8	10
Opens, inches	1/4 to 1	1/4 to 11/4	1/4 to 11/2
Per dozen	\$ 9.00	12.00	18-00
- 'BUN'			

One-half dozen in a box.

"STERUNG BRAND FOR QUALITY STANDS"



# CHAIN PIPE WRENCHES

VULCAN BIJAW



Drop forged.	Double	ended	reversible	iaws.	Flat	link chain.	

Nos.,	31	32	33	331/2	34	35
For pipe, inches	1/8 to 11/2	1/4 to 21/2	3/4 to 4	1 to 6	1½ to 8	2 to 12
Length, inches	20	27	37	441/2	501/2	641/2
Each	\$ 3.50	5.00	7.00	9.00	11.00	18.00

#### BARNES' PATTERN



#### Style Nos. 1 and 2

Three wheels. Wheels and pins of best grade crucible steel, machined and hardened.

No.	1.—Cuts	pipe	1/8	to	1	inchEach	8	4.50
						inch "		6.00

Extra wheels.

Nos	1	2
Each	\$ .25	-30

#### BARNES' PATTERN



#### Style No. 3

Three wheels. Wheels and pins of best grade crucible steel, machined and hardened.

	oe 1½ to 3 inchEach \$ 10.00
--	------------------------------

Extra wheels.

No. 3. Each	2	.40	

#### SAUNDERS' PATTERN



Roller style. Suitable for work where cutter can be revolved entirely around the pipe. Cuts without leaving a burr. Hardened tool steel facing in block to prevent wear.

Nos	01	02	03
Cuts pipe, inches 1/8	to 1	1 to 2	2 to 3
Each \$	3.00	4.50	11.00
Extra whe	els and	roliers.	
Nos	01	02	03
Wheels, each \$	-24	-32	.60
Rollers each	.24	.32	.50

#### TRIMO



Roller or wheel style. Drop forged wheels, long hubs. Used as single wheel with rolls, pipe is cut without a burr ready for the threading die. Easily converted into a three wheel cutter by substituting wheels for rolls.

*******************		4.1	0.1
Cuts pipe, inches 1	6 to 11/4	1/2 to 2	11/4 to 3
Each	\$ 4.50	6.00	10.00
Extra Wh		Rollers.	
Nos.	1T	2T	3T
Wheels, each	\$ .30	.30	.40
Rollers, each		-30	.40

# CHAIN DRILLS

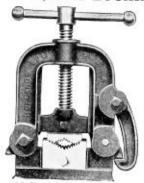


One in a box.



# PIPE VISES

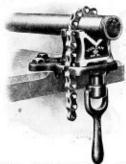
# HINGED, SELF-LOCKING



Japanned frame. Malleable iron. Hinged pattern. Jaws milled from high grade tool steel bars, and carefully hardened. Large screw and lever bar. Base has lugs on both uprights, so that the latch may hang on either side.

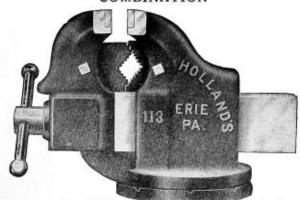
Nos.	399	402	403
Holds pipe, inches	% to 2	1/s to 21/2	1/8 to 31/2
Weight, lbs	7	11	16
Each §	2.50	3.00	4.00

#### VULCAN CHAIN



Vulcan chain pipe vise. Wrought steel. Drop forged jaws, saw-tempered for file sharpening. Hand made chain. Adjustment quickly effected by slightly turning the screw. Unbreakable, compact, rapid in action and positive in gripping pipe, bolts, bars, shafts, etc. Small enough to carry in hand or tool bag, size folded being 6x8x8 inches and weighing but 10 lbs. Equally serviceable on bench or post.

#### COMBINATION



Swivel base. Parallel jaws. Vise jaws faced with tool steel securely welded on; pipe jaws milled from solid tool steel bars and tempered in oil. The front pipe jaw is reversible. Heavy cross sections at all points of strain.

113	117.
4	41/4
	1/s to 31/s
	80
\$ 16.00	20-00
	4 1/ <sub>8</sub> to 21/ <sub>2</sub> 65

# SOLID BOX VISES

BLACKSMITHS'



Wrought steel. Standard pattern. Nos... 30 35 40 45 ..... Jaws, ins..... 31/2 Each...... \$ 10.00 10.00 10.50 11.00 11.50 55 75 Jaw, ins..... 41/6 Each ...... \$ 12.00 13.00 14.00 16.00 80 85 90 95 100 Jaws, ins.... 5<sup>1</sup>/<sub>4</sub> 5<sup>1</sup>/<sub>4</sub> 5<sup>1</sup>/<sub>2</sub> 5<sup>2</sup>/<sub>4</sub> 0 Each..... \$ 17.50 18.50 20.00 21.00 22.00

#### DIAMOND



DIAMOND WEE

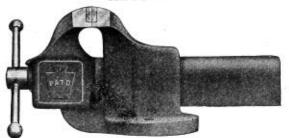
No. 50.—4-inch jaws. Steel face. Small jaw can be removed or set at any position. Will extend to hold work up to 12 inches. Anvil face 3x7 in. Polished and hardened. Vise only. Each § 6.50

No. 60.—Drill attachment. Will take square shank drills up to ¾-inch. Without drills or vise......Each 4.00 One vise in a case; 1 drill attachment in a



# VISES

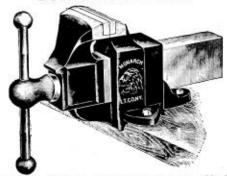
#### KEYSTONE



Keystone. Crucible steel jaws. Welded and tempered. Wrought iron screw. Stationary base.

Nos	В	D	F	G	H
Width of jaw, inches	21/4	3	31/2	4	41/2
Opens, inches	3	4	5	6	7
Each	\$ 3.00	5.00	6.00	8.00	10.00

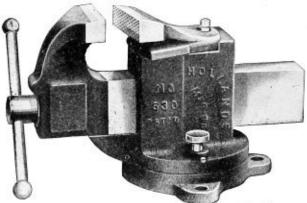
#### BULL DOG PATTERN



Bull dog pattern. Stationary bottom. Machinists, solid jaw parallel.

Nos 213	215	217	219	221	223
Width of jaw, in. 31/2	4	41/2	5	51/2	6
Opens, inches 4	51/2	6	7	8	9
Each \$ 7.00	8.00	10.00	11.00	15.00	20.00

#### HOLLANDS



Hollands. Swivel base and swivel jaw. Machinists.

Nos	620	630	640	650
Width of jaw, inches	31/2	4	41/2	5
Opens, inches	5	6	7	8
Each \$	8.50	10.50	12-50	16.00
Nos.,,,,,,,		654	660	670
Width of jaw, inches	0000	51/2	6	7
Opens, inches		9	9	11
Each	4.4	\$ 19.00	27-00	35.00

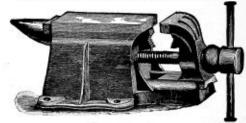
#### OVAL SLIDE OR FARMERS'



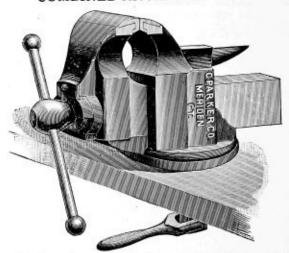
Oval slide or Farmers'. Steel jaws checked and tempered, with steel screws and levers. Polished anvil surface and jaws.

Nos	60	62	63	64
Width of jaw, inches		3	31/2	4
Opens, inches	3	4	43/4	43/4
Each	\$ 2.50	3.00	4.00	5.00

### COMBINED ANVIL AND VISE



## COMBINED ANVIL AND VISE



Parker's improved swivel base. Semi-steel, and cast steel anvil. Steel faces milled and fitted to jaws and are renewable.

Nos	019	020	021	022
Width of jaw, inches	2	21/4	31/8	35/8
Opens, inches	21/4	21/4	41/4	41/4
Each	\$ 8.00	10.00	13.00	16.00

"STERUNG BRAND FOR QUALITY STANDS"



# **IERSEY VISES**



Nos. 40, 42, 44, 46, 48 and 52. Clamp bottom. Plain iron jaws.

40

Jaws, inches

Weight, lbs ..



Nos. 41, 43, 45, 47, 49 and 53. Clamp bottom. Hardened tool steel faced jaws.

134

31/4

1.25

11/2

3

1.00

48

21/2

5

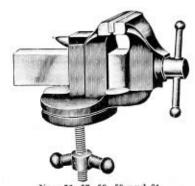
1.75

3

R3/

2.40

21/4



Nos. 56, 57, 58, 59 and 61. Swivel base. Hardened tool steel faced jaws.

2

1.50

21/4

1.90

21/2

2.35

3

91/6

3.15

15.70

13/4

1.25

3

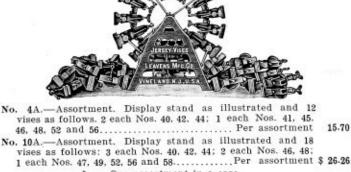
2.85

Each	 2	.75	.90	1.15	1.50
	 4				19
				III	1
	100			448	T
	i				4

Stationary base. Tool makers' and jewel-Hardened tool steel faced jaws. Extra high finish. A solid made small vise.

No. 22 .- 2-inch jaw. Weight 4 pounds. Blue Japan finish ..... Each \$ 1.80

No. 23 .- 2-inch jaw. Weight 4 pounds. Nickel-plated working parts and body finished in dead 2.30 black, ......Each One in a box.



 $2\frac{1}{2}$ 

5

2.10

 $2\frac{1}{4}$ 

1.75

2

31/

1.50

One assortment in a case. Jersey vises are high grade amateur vises, having suffcient weight in the body to carry the width of jaw to make them strong and substantial. Fitted with loose, malleable iron nuts; one piece steel screws, turned from cold rolled bar stock: square lathe cut Jaws carefully ground and come together square on the threads.

face. Working parts highly polished, body finished in brown Japan.

Fitted as machinists vises and made for wear.

Clamp base. Tool makers' and jewelers'. Hardened tool steel faced jaws. Long clamp capacity 2 inches. Extra high finish. A solid made small vise.

No. 28 .- 2-inch jaw. Weight 41/2 pounds. Blue Japan finish ..... Each \$ 2.00

No. 29.—2-inch jaw. Weight 41/2 pounds. Nickel-plated working parts and body finished in dead black ..... Each

One in a box.





Nos. 1, 11/2 and 2

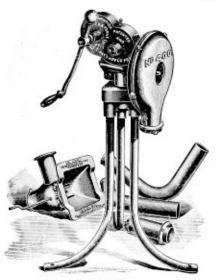


Nos. 21/2, 3 and 31/2

Bonney. Main screws made from solid steel castings. Malleable iron thumb screw. Head and collar in one solid piece. Japanned frame.

No. 1. —Jaws 1½ inch	er dozen	\$ 3.75
No. 11/2.—Jaws 13/4 inch	64	5.00
No. 2. —Jaws 2 inches		6.50
No. 21/2.—Jaws 2 inches. Steel jaws		9.75
No. 3 Jaws 21/4 inches. Swivel jaw attachment	6.6	12.00
No. 31/4.—Jaws 21/4 inches		8.50

# CHAMPION BLOWERS







No. 400

No. 70

Lancaster Geared

- No. 400.—Adjustable ball bearings. Turned and hardened cups and cones. Spiral shaft and fan wing. Fan 12 inches in diameter. Fitted with "whirlwind" blast anti-clinker heavy nest tuyere. Complete with piping. Weight 160 lbs. Each \$ 36.00
- No. 70.—Spiral geared, the gearing runs in oil in a dust-proof casing and crank turns either way to produce the blast. Fan 12 inches in diameter. Fitted with heavy nest ball tuyere iron—center blast, and piping complete. Weight 175 pounds.
- Lancaster Geared.—Spiral geared. High speed, direct drive. Crank turns either way to make the blast. Fan 12 inches in diameter. Fitted with adjustable nozzle Champion tuyere iron and piping complete. Weight 110 pounds.....

# CHAMPION FORGES







No. 401

No. 150

No. 152

15.00

- No. 401.—Rivet forge. Adjustable ball bearings, runs without noise. With shield. Diameter of hearth, 18 in. Diameter of fan, 9 in. Height, 30 in. Will produce a welding heat on 4-inch iron in 10 minutes. Crank turns either way to produce the blast. Can be taken apart for transportation and easily set up againa feature that will be appreciated by contractors, bridge builders, boiler and structural iron workers. Weight 115 pounds..... ..... Each \$ 36.00
- No. 150 .- Lever forge. With shield. Diameter of hearth, 18 in. Diameter of fan, 8 in. Built for use where light. odd jobs are to be done. Weight 75 pounds...... Each
- 12.00 No. 151 .- Lever forge. With half hood. Diameter of hearth, 18 in. Diameter of fan, 8 in. Weight 80 lbs ... Each
- No. 152.—Crank forge. With shield. Diameter of hearth, 18 inches. Diameter of fan, 8 inches. Built for agri-14.00
- No. 153 .- Crank forge. With half hood. Diameter of hearth 18 in. Diameter of fan, 8 in. Weight 75 lbs ... Each

12.00

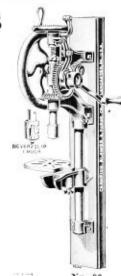
14.00



# UPRIGHT POST DRILLS





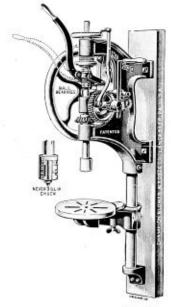


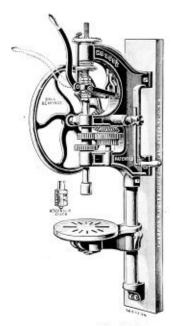
No. 101

No. 90

No. 92. %-inch steel spindle with run of 3 inches. Drills holes 1-16 to 3-4 and to the center of a 12-inch circle.

90.-11/8-inch steel spindle with run of 3 inches. Drills holes up to 1 inch, and to the center of a 141/2-inch Automatic self-feed with back gears. One speed for the crank. Slotted square table, lathe-turned. Spindle is bored on never slip plan to take 1/2-inch round shank drills. Weight 100 pounds....





No. 200

No. 2001/2

33.00

No. 95.—11/6-inch steel spindle with run of 3 inches. Drills holes up to 11/4 inches. Drills to center of 15-inch circle. Self-feed, 3 geared. Third gear gives second speed same turning direction of crank as first speed. Full

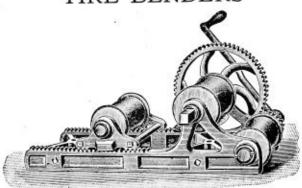
the second speed turning the same direction as the first. Ball bearing. Slotted lathe-turned table. The lever feed saves time and labor in drilling small holes, reaming, counter sinking, etc., and makes this drill a first class wood boring machine. Spindle has never slip feature and bored to take 1/2-inch round shank drills. Weight, 180 pounds...

-11/4-inch steel spindle with run of 4 inches. Drills holes up to 11/2 inches. Drills to the center of an 18-inch circle. Combination automatic self-feed and lever feed. Double back gears. Two speeds which are changed by changing the gears. Ball bearing. Slotted lathe-turned table. Lever feed saves time on small work and makes of the drill a perfect wood boring machine. Spindle bored with never slip chuck feature 

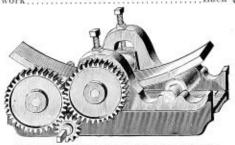
The never slip feature referred to above is positively interlocking with a square shoulder worked out of the solid metal in the upper end of the spindle. No loose or moving parts, as the square shoulder in the socket meets the flat side of the drill and the set screw has only to keep the bit from dropping or pulling out.

20.25

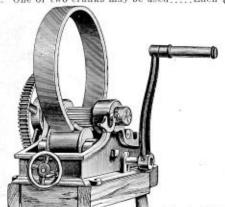
# TIRE BENDERS



No. 2.—Rolls 6 in. wide. Maximum capacity 6 in. by ..... Each \$ 9.75



No. 1 .- Rolls 5 in. wide, Bends up to 4 in. by 1 in. iron. One or two cranks may be used .... Each \$ 12.00



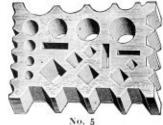
Detroit. Body is a solid casting without bolt or nut and the rolls are turned true. Center top roll is removable, allowing a heavy tire after bending to be removed without springing the ends apart. The size of circle ranges from 12 inches to 12 feet,

No. 21.—Takes 4x½-inch tire. Not geared. Each \$ 16.50 No. 22.—Takes 4x½-inch tire. Geared..... " 24.75 No. 23.—Takes 6x3/4 or 4x1-inch tire. Geared "

# SWAGE BLOCKS

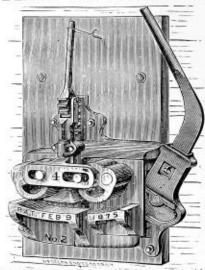






No. 4.—12x12x4 ins. Weight 90 to 95 lbs. Per lb. Weight 135 to 140 lbs.. No. 5.—13x18x4 ins. 06 No. 6.—18x18x4 ins. Weight 235 to 240 lbs...

# TIRE UPSETTERS



Stoddard lightning. Takes the tire on flat side, clamping head, prevents light tires from kinking. One man can operate.

No. 1.-Upsets 1/8 to 3/4-inch thick, and any width ., Each \$ 9.00 15.00

No. 4.—Upsets any tire up to 6 ins, in width. "No. 5.—Upsets any tire up to 6 inches in width or 22-50 axles to 2 in. thick. Has 2 sets of loose jaws and can be adjusted for large or small circles. Each 27.00

small circles ....



Detroit Shears.—Cuts %-inch round or square bar and  $4x\frac{1}{2}$  inch cold; hot up to  $2\frac{1}{2}$  inch or  $4x\frac{1}{2}$ inch. Furnished with lever end to fit the socket on which a bar can be welded for a handle. A powerful, yet simple compound lever machine made especially for the use of shops and merchants having occasion to cut iron bars ... Each \$ 37.50



No. 2 .- All wearing parts of best steel. Will punch a 3-16-inch hole in 3-16 iron; 5-16-inch in 1-8inch or 1-2-inch in No. 14 wire gauge-131/2 ins. from the edge. Fitted with 2 gauges .... Each \$ 37.50



## ANVILS AND TOOLS

#### BLACKSMITHS' ANVIL



Wrought iron and faced with best crucible cast steel. Steel faces are put on in one solid piece. Top and bottom are each one solid piece, and welded at the waist. Size of face, length and fullness of horn and depth of drop make these anvils the best shape of any on the market.

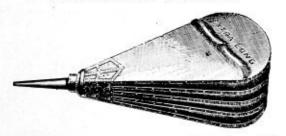
Guarantee.—Should this anvil break at the waist or its steel face become loose within one year from date of purchase it will be replaced without charge. This anvil is tempered in a manner to suit the majority of smiths. No claim for defective temper will be allowed.

Blacksmiths' anvils made from 10 to 800 lbs. Per lb. Farriers' clip horn made from 80 to 400 lbs. base \$ .21

#### LIST OF EXTRAS.

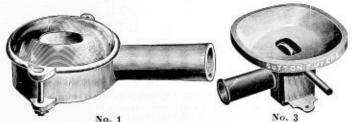
90	to	425	lbs.															E	lase
														1/6	ct.	per	r Ib.	extra	net
		800															46	6.4	44
70	to	79													ct.		44	**	**
60	to	69													ct.		44	64	46
50	to	59	**		 ļ,	 					٠.			2	cts		66	**	44
40	to	49	46											3	cts		**	**	+4
30	to	39	46											5	ets		60	44	46
20	to	29	44	 Ĭ.	 Ī					ì		 		8	cts		**	44	**
10	to	19	46														14	44	44
			Clip														64	46	44

#### BLACKSMITHS' BELLOWS



Extra long, covered with extra split leather. Valves hinged with leather, and so constructed as to open and close perfectly with slightest movement of the lever. Width, inches. 30 32 34 36 38 40 Each \$15.00 17.00 19.00 21.00 24.00 28.00 Width, inches. 42 44 46 48 50 Each \$34.00 40.00 45.00 50.00 60.00 Can furnish either St. Louis or Pittsburg make.

#### TUYERE IRONS



No. 1.—Duck nest, round pattern, 12½ inches long. 8¾ inches wide, 3½ inches deep....Each \$ 1.70 No. 3.—Crescent. Fire bowl cast with the tuyere.

No. 3.—Crescent. Fire bowl cast with the tuyere.
Fire cannot spread, and owing to its shape
fire will keep clean and bright at all times.

#### ANVIL TOOLS

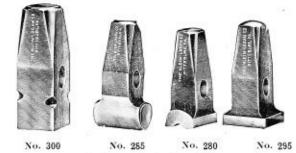
Hardy. Bottom Fuller. Bottom Swedge.

No. 290

No. 286

No. 281

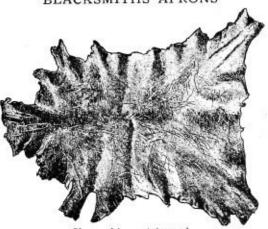
Set Hammer, Top Fuller, Top Swedge, Flatter,



#### MOULDERS' BELLOWS



#### BLACKSMITHS' APRONS



Sheep skin, untrimmed.

No. 15.—Large size...... Per dozen \$ 30.00

"STERUNG BRAND FOR QUALITY STANDS"

# TOOL BAGS

#### MASONS'



Heavy canvas sewed by hand to a hoop steel frame.

Nos	81	82	83	84
Inches	16	18	20	22
Each	\$ 3.00	3.30	3.70	4.00

#### LINEMEN'S



Heavy canvas sewed to a steel frame. With leather Heavy straps over top

paret fremis perupa over co	M4		
Nos.	88	89	30
Inches	18	20	22
Each	\$ 5.00	6.00	7.00

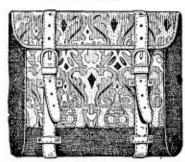
#### HAVERSACKS



Heavy cotton duck. Leather bound. With shoulder

straps.		
Nos	70	71
Inches	14	16
Each	\$ 4.00	4.50

#### PLUMBERS'



Brussels carpet, lined with duck. Leather bound.

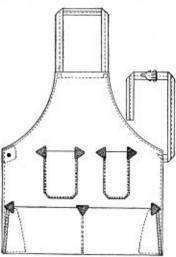
No. 102-Size 18x26 in. Leather bottom ..... Each \$ 6.00 No. 103.—Size 18x26 in. Leather bottom and sides.

# CARPENTER'S APRONS

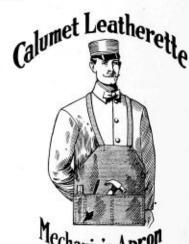


No. 1.

strings .....



Nos. 2 and 300



6.00

..... Per dozen

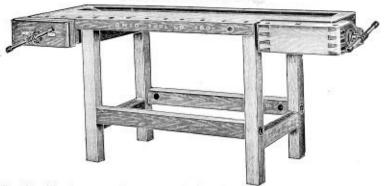
No. 1. -8 ounce brown duck. With rule pocket, tool pocket and two nail pockets. Leather cornered. Duck ... Per dozen \$ 4-50 straps and buckle ... Calumet leatherette. With rule or tool pocket and two nail pockets. Edges securely stitched. Made of heavy waterproof duck with pebbled leather facing very durable. With tape shoulder and body

> One dozen in a box. STERUNG BRAND FOR QUALITY STANDS



# WORK BENCHES

#### CABINET MAKERS'



Cabinet Makers' Bench. Glued up maple tops, 25% inches thick. Maple legs, 234x31/2 inches. Iron bench screws 11% inches in both front and tail vises. Height 34 inches. Vises do not include slides or stops.

~ / 0						a.c.a.geno	dr sucarco.	1000 40	Breen.	include sinces of stops.		
No	. 160.—61/2	feet	long,	25 inche	wide;	14-inch	maple top.	Weight,	235		Each !	\$ 18.00
No	. 16161/2	feet	long,	30 inche	s wide;	16-inch	maple top.	Weight,	270	pounds	44	19.50
No	. 162.—7	feet	long.	30 inche	s wide:	16-inch	maple top	Weight,	285	pounds	64	21.00



No. 164.—Cabinet Makers' Bench. 5 feet long, 22 inches wide, 34 inches high. Glued up maple top, 2% inches thick and 13 inches wide, back of which is a well or recess for tools. Maple legs, 2% x3½ inches. Fitted with 1½-inch iron bench screws in both front and tail vises. Without stops or slides. Weight, 190 pounds.

Each \$ 15.60

#### MANUAL TRAINING

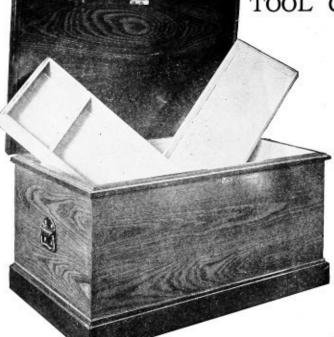


No. 166.—Manual training bench. 4 feet long, exclusive of vises and 20 inches wide. 32 inches high. Glued up maple top, 13/4 inches thick and 13 inches wide, back of which is a 7-inch well or recess for tools. Maple strips in top are tongued and grooved and carefully glued, making exceptionally firm and rigid. Maple legs 13/4x3 inches. Fitted with 1-inch iron bench screws in both front and tail vises. With 3 spring wood stops. Weight, 130 pounds.

Each \$ 12.60

"STERUNG BRAND FOR QUALITY STANDS"

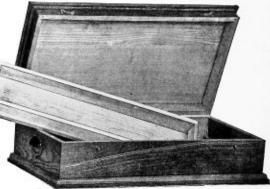
# TOOL CHESTS



Carpenters' Selected ash, antique finish, filled and varnished. Two sliding trays and saw rack. Substantial lock and end handles. Vill hold 26-inch hand saws.

No. 17.—Length 32 in.; width 18 in. depth 16 in. Inside measurements ...... Each \$ 11.25

#### HOUSEHOLD CHESTS



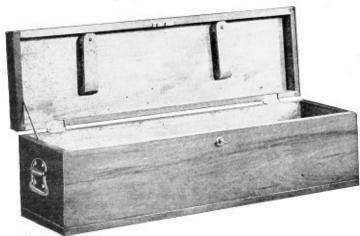
Household. Selected ash, weathered oak finish. One sliding tray. Mitered mouldings on cover and base. Useful about the house.

# MACHINISTS CHESTS



Nos. 17 and 16

Carpenters'. Selected hardwood filled and varnished. One sliding tray. Good lock and key and end handles. Inside measurements. No. 22.—Length 32 in.; width 18 in.; depth 12 in. Each \$ 8.25 No. 21.—Length 31½ in.; width 16 in.; depth 9½ in. "6.75 No. 20.—Length 28 in.; width 14 in.; depth 9½ in. "6.50



Shoulder. Selected hardwood, filled and varnished. Brass elbow hinge and saw rack. Substantial lock and key and end handles. Holds 26 or 28-inch saws.

No. 30.—Length 32 inches; width 8 inches; depth 8 inches. Inside measurements....... Each \$ 5.00



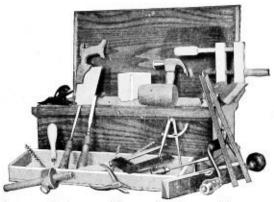
Machinists'. Selected ash or gum, mahogany panels. Hand polished. Brass locks, pulls and hinges and elbow hinge. Automatic locking device—all drawers locked by closing cover.

No. 34.—Length 24 in.; width 14½ in.; depth 13 in. Outside dimensions. Three drawers...Each \$ 11.00

No. 33.—Length 20 in.; width 12 in.; depth 10 in. Outside dimensions. Two drawers...Each



# TOOL CHESTS



Made of selected chestnut, heavy and strong, with round corners and heavy mouldings. Polished and finished in medium golden oak, varnished. Fitted with brass handles and substantial locks and keys. The tools for each and every chest have been selected with care as to kind and quality.

No. 221.—Length 19 inches; width, 9 inches; depth 6½ inches. With one movable tray having partitions. Contains about 25 tools.	
No. 220.—Length 18 inches; width, 8½ inches; depth 6 inches. With one movable tray having partitions. Contains about 20 tools	8.50
No. 219.—Length 16 inches; width, 71/2 inches; depth 51/2 inches. With one movable tray having partitions. Contains about 18 tools	
No. 218.—Length 15 inches; width, 61/2 inches; depth 5 inches. With one movable tray having partitions. Contains about 16 tools.	

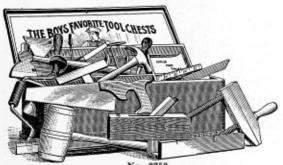


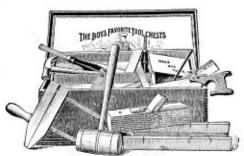


No. 2900 -Length 19 inches; width 9 inches; depth 7 inches. With one movable tray having partitions. Con-No. 2900 .-tains about 33 tools.....

One-half dozen in a crate.

-Length 18 inches; width 8½ inches; depth 63% inches. With one movable tray having partitions. Con-No. 2800 .-40.00 tains about 29 tools..... One dozen in a crate.



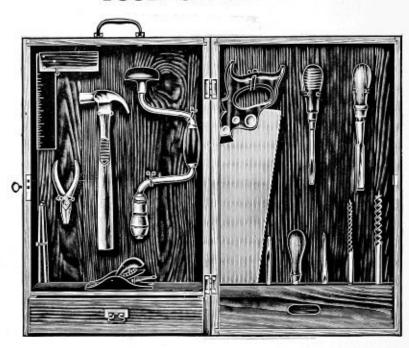


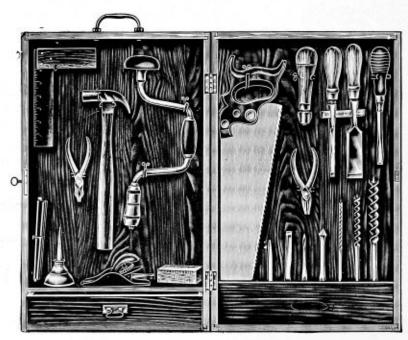
Nos. 2725 and 2600. inches. With one movable tray having partitions. inches; width 8 inches; depth 6 -Length 17 Per dozen \$ 30.00 Contains about 27 tools inches. With one movable tray having partitions. Length 161/2 inches; width 8 inches; depth 6 No. 2725 --No. 2600.—Length 141/8 inches; width 63/4 inches; depth 43/4 in. With tray. Contains about 18 tools. Per dozen
One dozen in a crate 27.00 18.00

Tool chests numbers 2900 to 2600 inclusive, are made of chestnut with brown mouldings. Well made, well filled and well finished. Attractively labeled in bright colors. All measurements given on this page are inside dimensions.



# TOOL CABINETS



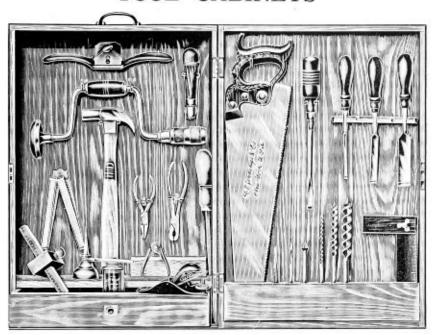


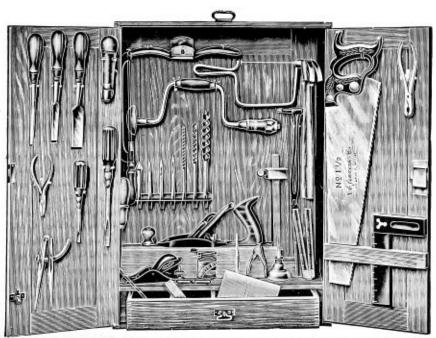
No. 99½.—Outside dimensions 22x14x5½ inches. Contents, 21 articles as follows: One each 16-inch Monarch saw, adze eye steel nail hammer, iron block plane, gas pliers, flat nose pliers, ¼-inch socket firmer chisel, ¾-inch socket firmer chisel, tool holder with 10 tools, bit brace, ¼-inch auger bit, ½-inch auger bit, ¾-inch auger bit, German pattern gimlet bit, rose counter sink, 4-inch screw driver, rule, whetstone, zinc oiler, try square, nail set, screw driver bit. Every tool warranted. Complete with tools, etc. Each \$ 12.75

A place for everything is furnished in these cabinets. You keep everything in its place. Each cabinet provided with tool holders, hooks and rack. May be fastened to a wall or placed on a floor or bench, and are easily portable.



# TOOL CABINETS





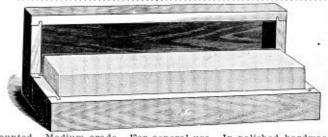
No. 101.—Outside dimensions 26%x19%x8 3-16. Contents, 36 articles as follows: One C. E. Jennings & Co. No. 1½ saw, 18 inches; one C. E. Jennings & Co. brace, No. 108; three C. E. Jennings & Co. gimlet bits, No. 87; three C. E. Jennings & Co. auger bits, No. 30; three C. E. Jennings & Co. chisels, No. 01; two C. E. Jennings & Co. screw drivers, No. 185; one C. E. Jennings & Co. hack saw, No. 430; one C. E. Jennings & Co. hexagon level, No. 3; one C. E. Jennings & Co. countersink, No. 002; one C. E. Jennings & Co. A1 cabinet scraper, one steel nail hammer, one tack hammer, one tool holder with 10 tools, one spokeshave, two planes, one rule, one try square, one marking gauge, one knurled nail set, one pair wing dividers, one pair gas pliers, one pair flat nose pliers, one pair cutting nippers, one saw file, one oil whetstone, one oiler, one glue pot, one coping saw, No. 100. Every tool warranted. Complete with tools, etc.

Each \$ 24.75



# PIKE'S OIL AND WATER STONES







Queer Creek Mounted. Medium grade. Especially suited for grinding down dull tools or sharpening those intended for coarse work. In hardwood boxes.

No. 7.—Mounted. 7x2 inches. Per dozen \$ 6.00

No. 5.—Mounted. 5x2 inches. "3.00







# PIKE'S OIL AND WATER STONES

INDIA



India oil stones. Made of pure corundum—the hardest, yet fastest cutting stone to be had. The medium grade adapted for carpenters' and machine shop use. The coarse grade where speed before fine finish is de-

SHEE					
		-Medium grit.	8x2x1 inches	Each	\$ 1.12
No.	11/2.	-Medium grit.	7x2x1 inches		
		Coarse grit.	7x2x1 inches		.90
		-Medium grit	6x2x1 inches		.75
No.	2.	-Medium grit.	6x1%x3/4 inches	16	-68
		-Medium grit.	41/2x11/2x5% inches .		-52
No.	3.	-Medium grit.	4x1x1/2 inches	44	-38
			a paper box.		10000

#### INDIA COMBINATION



India combination oil stones. Furnished with one face fine and one face coarse grade.

110.	00. —8x2x1	inches			 Each	\$ 1.35
No.	011/27x2x1	inches			 	1.12
No.	029. —6x2x1	inches			 	.90
No.	02. —6x15/gx	3/4 inches.			 	.75
		One in a	naner	box		

#### QUICKCUT EMERY



Quick cut emery and corundum. Made with one side coarse for fast cutting; the other fine for putting on a fine edge. Each in a paste board box. 

#### QUEER CREEK



Queer Creek. Suited for grinding down tools or sharpening those intended for coarse work. Can be used with either oil or water.

No. 7.-7x2x3/4 inches...

#### HINDOSTAN



Export Hindostan. Fine gritted. Selected stone nicely finished and labeled. Gives a medium coarse edge and may be used with either oil or water. Export.—Assorted 8x2x3/4 to 11/4 inches,.....Per lb. \$ .18

28 pounds in a box. No. 1. Hindostan. Sharp gritted and cuts steel rap-

idly. No. 1.—Hindostan. Assorted 8x2 to 21/4x3/4 to 11/2 .....Per Ib. .12 inches ..

100 pounds in a case.

WASHITA SLIPS



Washita Round Edge Slips. Lily White.—3 to 5x134 to 2x3/8 to 5/8 back x 1/8 to Per 1b. \$ 1.00 .75 .......Per lb. \$ .45 5-16 inch edge... 5 pounds in a box.

#### QUEER CREEK SLIPS



Queer Creek. Round edge slips. Queer Creek .- 3 to 5x134 to 2x14 to 58 back x 18 to 5-16 inch edge... ......Per lb. \$ .45 5 pounds in a box.

#### INDIA SLIPS



India round edge slips. Medium grit. -4½x1¾x3%x1/8......Each .45 No. 13.—4½x1¾x1½x3-16 ..... .45 Twelve in a box.

#### HINDOSTAN REGULAR AXE



Hindostan Regular Axe. Sharp grit, cuts steel rap-Imparts medium coarse edge. Used with oil or water.

Hindostan Regular Axe.—4x2x3/4 to 11/4 in. Per lb. \$ .12 100 pounds in a case.

#### HINDOSTAN SPECIAL AXE



Hindostan Special Axe. Cuts rapidly. Convenient size-for carrying in the pocket. Hindostan Special Axe.—2½x1½x½ inches, Per lb. \$ .23

10 pounds in a box.

3.00

# CARBORUNDUM STONES



Carborundum is a combination of carbon and silicon—a manufactured abrasive the most perfect ever produced. Being very much harder than any other abrasive gives it great durability. Composed of small crystals which cut clean and fast, yet brittle enough to break slightly in use. This prevents glazing or filling up and gives to the stone rapidity and uniform efficiency along with durability.

With an initial order aggregating \$25.00 in list price a handsome counter display case is furnished free. This affords customers an opportunity to make their own selections of stones and yet avail themselves of this case.

#### SHARPENING STONES



Sharpening stones. Rapid cutting. Used dry or with water or oil. Porous and may be tempered in cutting by filling with wax or vaseline.

No.	1168x2	x1	inches.	180	Medium	Each \$	.80
No.	118 8x2	X3/4	inches.		Fine		-80
	119 8x2				Medium		-60
No.	1216x2	X1	inches.		Fine		-80
No.	1246x2	X5/9	inches.	FF.	Fine	46	.60
No.	125 6x2	X5%	inches.		Medium		.45
					Fine		.45
	132 6x11				Coarse		-35
No.	1424x11	6x1/6	inches.	FF.	Fine	46	.40
No.	143 4x11	6X1/2	inches.	180	Medium	46	.30
No.	145 4x1	x1/4	inches.	FF.	Fine	46	-25
					r carton		-

#### COMBINATION STONES



Combinati ters and mech	anic	s. One	face	e co	ars	se t	he	ot	her	of fin	e grit.
No. 108.—8x2	X1	inches	S							Each	\$ 1.25
No. 110.—7x2	X1	inch .								111	1.15
No. 109.—6x2	X1	inch .								44	1.00
No. 111.—5x15	8X3/4	inches	٠							46	.75
No. 112.—4x1i	2X%	inches								. "	-50

#### SLIP STONES



Round edg fectly.	e slips. C	ut rapidly a	nd retain shap	e per-
No. 180.—4x2 No. 181.—4x2 No. 183.—4x11/ No. 184.—4x11/	x5-8x3-16. 2x3-8x1-8. 2x3-8x1-8.	FF. Fine . 180 Mediu FF. Fine . 180 Mediu	m	\$ .50 .35 .45 .30

#### AXE STONES



No. 196.--Combination axe. Diam. 3 in., % inch thick. Can be carried in the pocket. Each \$ .35



No. 195.—Axe. 2½x2½x½ in. 1 in carton .. Each \$ .25 One in a paper carton.

#### POCKET HONES



No. 149.—Pocket hones. 3x7/xx3/s in. Fine. Each in carton. 2 dozen on card .. Per dozen \$ 1.80



## EMERY WHEELS



Contain nothing but cutting properties. Free from dust or smell. Will not glaze or fill up. Work equally well

. In 8.						Thicks	ness in	Inches.	Price	Each.					
Diam. ii Inches.	1/4	3/8	1/2	5/8	3/4	7/8	1	11/4	11/2	13/4	2	21/4	2½	23/4	3
1	8 .25	\$ -30	\$ .30	\$ .35	\$ .35	\$ -40	\$ .40	\$ .45	8 .50	\$ .55	\$ .60	8 .65	8 .70		\$ .80
11/2	.30	-35	.40	.45	-45	-50	-50	-55	-60	-65	.70	.75	-80	-85	.90
2	-35	-45	.50	-55	-55	-60	.60	-65	.70	.75	.80	-85	-90	-95	1.00
21/2	.40	-55	.65	-70	-75	-80	.85	.95	1.05	1.15	1.25	1.35	1.45	1.55	1.65
3	.50	-65	-80	-90	-95	1.05	1.10	1.25	1.40	1.55	1.70	1.85	2.00	2.15	2.30
31/2	-60	-80	.95	1.05	1.15	1.25	1.35	1.55	1.75	1.95	2.15	2.35	2.55	2.75	2.95
4	.75	.95	1.10	1.25	1.35	1.50	1.60	1.85	2.10	2.35	2.60	2.85	3.10	3.35	3.60
41/2	.90	1.10	1.25	1.40	1.55	1.70	1.85	2.15	2.45	2.75	3.05	3.35	3.65	3.95	4.25
5	1.00	1.20	1.40	1.60	1.80	2.00	2.20	2.60	3.00	3.40	3.80	4.20	4-60	5.00	5.40
6	1.40	1.60	1.75	2-10	2.40	2.75	3.05	3.70	4.35	5.00	5.65	6.30	6.95	7.60	8.25
7	1.85	2.00	2.15	2.60	3.00	3.45	3.85	4.70	5.55	6.40	7.25	8.10	8-95	9.80	10.6
8	2.10	2.35	2.60	3.10	3.60	4.10	4.60	5.60	6.60	7.60	8.60	9.60	10-60	11.60	12.60
9	2.50	2.80	3.10	3.70	4.25	4.85	5.40	6.55	7.70	8.85	10.00	11.15	12.30	13.45	14.60
10	3.00	3.35	3.65	4.35	5.00	5.70	6.35	7.70	9.05	10.40	11.75	13.10	14.45	15.80	17.15
12	3.60	3.80	4.00	5.00	6.00	6.70	7.40	9.00	10.70	12.75	14.00	15.70	17.40	19.00	20.75
14	4.05	5.15	6.25	7.35	8.45	9.55	10.65	12.85	15.05	17.25	19.45	21.65	23.85	26-05	28.25
16		******			10.85	12.30	13.70	16-55	19.40	22.25	25.00	27.95	30.80	33-65	36.50
18					13.25	15.15	17.00	20.75	24.50	28.25	32.00	35.75	39.50	43.25	47.00
20	1						20.25	24.75	29.25	33.75	38.25	42.75	47.25	51.75	56.25
22							25.00	31.00	37.00	43.00	49.00	55.00	61.00	67-00	73.00
24							29.00	36.00	43.00	50.00	57.00	64.00	71.00	78-00	85.00
26	1							43.00	51.00	59.00	67.00	75.00	83.00	91-00	99.00
30	1								61.00	72.00	83.00	94.00	105.00	116.00	127.00
36	1				The Personal State				95 00	110.50	126.00	141.50	157.00	172-50	188.00

In ordering be sure to specify diameter, thickness, size of hole, shape of face and grade wanted.

## MERY WHEEL DRESSERS





Huntington

Huntington.—Cast iron handle and head. Japanned. Polished face. Tempered steel cutters. Length over all 12 inches. For truing, shaping and sharpening, and removing glaze from emery wheels while running at full with 2 sets of cutters........One-twelfth dozen in a box.........Per dozen \$ 10.00

## EMERY DRESSER CUTTERS





Bushing Only.

Paragon. Hardened steel bushing, wired in. Crucible steel. High carbon. Bushing prevents dirt 100 sets in a bex.

Paragon Bushings .- Extra bushings only for above cutters 100 in a box......Per 100





Huntington Cutters .- Crucible steel. High carbon. 

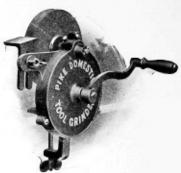
100 sets in a box.

STERUNG BRAND FOR QUALITY STANDS

3.00

## EMERY GRINDERS

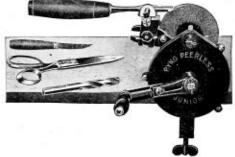




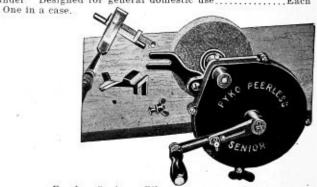
No. 1 Pike

No. 2 Pike

Domestic



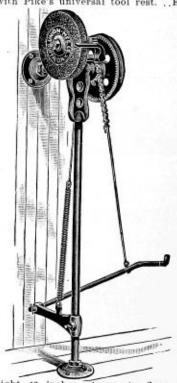
Peerless Junior,-Pike. Green enamel finish. With medium grit corundum wheel 5x1 inches. Furnished with Pike's universal tool rest. For general all around use the ideal enclosed cut gear ..One in a case. ..... Each \$ 7.00



Peerless Senior .- Pike. Green enamel finish. With medium grit corundum wheel 6x11/4 inches. Furnished with Pike's universal tool rest. . . Each \$ 10.00



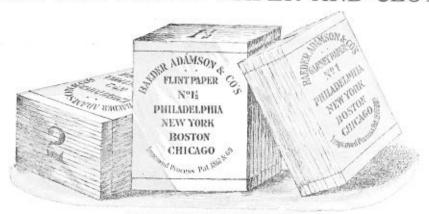
Pike Foot Power Attachment .- Can be easily and quickly attached to the Peerless Senior Grinder, making of it a powerful high speed foot grinder Attachment only ...... Each \$ 2.30 One in a bundle.



Union .- Height 42 inches. Screws to floor and wall. Emery wheel 8x11/4 inches in size. Foot power. Geared driven. Milled pinion. Positive ball clutch and cone bearings. The grinder for farmers, mechanics and repair men.....Each \$ 11.00 One in a crate.



## SAND AND EMERY PAPER AND CLOTH



#### FLINT PAPER IN SHEETS

Nos.	00	0	1/2	1	11/2	2	21/2	3
rer ream	86.95	6.25	6.25	6.75	7-25	7.75	8.25	9.50
Per quire	-32	-32	.32	-34	.37	.39	-42	48



#### EMERY PAPER IN SHEETS

Nos	00	0	1/2	1	11/2	2	21/2	3
Per ream \$	10.25	10.25	10.25	12.00	12.75	13.50	15.50	18-25
Per quire	.52	-52	.52	-60	-64	-68	.78	92

#### EMERY CLOTH IN SHEETS

Nos.,	C	rocus	00	0	1/2	1	11/2	2	21/2	3
Per ream	\$	26.50	26.50	26.50	26.50	28.50	29.75	30.75	33.00	35-25
Per quire		1.33	1.33	1.33	1.33	1-43	1.50	1.54	1.65	1.77



#### FLINT PAPER IN ROLLS



In rolls 50 yards long.

#### GARNET PAPER IN ROLLS



In rolls 50 yards long.

Ne	9s			4-0 to 1/2	1	11/2	2	21/2	3	Nos				4-0 to 1/2	1	11/2	2	21/2	3
24	inches	wic	le	\$ 6.75	7.25	7.75	8.50	9.25	10.25	24	nches	wide		\$ 7.50	7.75	8.00	8.50	9.25	10.25
30	"	44		9.00	9.50	10.00	10.50	11.00	12.00	30	44	14		9.75	10.25	10.75	11.25	12.00	13.00
36	44	46		11.00	11.50	12.00	12.50	13.25	14.25	36	46	44		12-00	12.50	13.00	13.50	14.00	15-25
40	**	41		13.25	13.75	14.25	14.75	15.50	16.75	40	**	116		14-00	14.50	15.25	15.75	16.25	17-25
42	46	**		14.25	14.75	15.25	15.75	16.50	18-00	42	46			16-25					
48	41	46		16.50	18.00	18.50	19.25	20.00	22.00	48	46	44		20-00	21.00	21.50	22.00	23.75	27-00
				Flint ar	nd Gar	rnet pa	per in	rolls r	ot carri	ed in s	tock;	shippe	ed fr	om facte	ory di	rect.			

## STEEL WOOL AND STEEL SHAVINGS



Steel wool. In packages containing about 2 ou	nces-
in size about 7x21/4 inches. P	er doz.
No. 0 For rubbing in place of pumice stone	\$ 1.80
No. 1 Equal to No. 0 Sand Paper	1.80
No. 2 Equal to No. 1/2 or 1 Sand Paper	1.80
No. 3.—Equal to No. 11/2 or 2 Sand Paper	1.80
One dozen packages in a carton.	

Steel wool is a mass of fine fibres of steel, resembling curled hair. For rubbing off varnish, shellac, etc., and for various uses where sand paper, pumice stone, etc., are used, will do the work quicker and with less labor. Being soft and pliable, steel wool adapts itself to the shape of mouldings, etc. Will not clog or gum up.



Steel Shavings. In packages containing about 1 pound—in size 17x31/2 inches.

No.	F	-Fine,	Per	package \$	.60
No.	M	-Medium		64	.60
		Conwan		40	50

Steel Shavings are designed to do the work of coarser grades of sand paper—such as removing old paint, varnish, for scrubbing floors and cleaning bowling alleys, hardwood floors, etc. Also used for cleaning iron work, preparatory to painting.

# GLUE AND GLUE POTS

LE PAGE'S LIQUID





Small Family .-- 1 ounce bottle. With metal spread-





Half Gills and Gills.

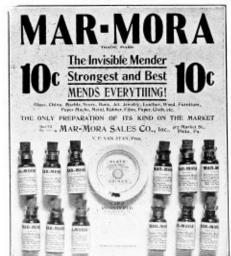
Half Pints to Gallons. In patent tin cans.

18.50

Half gills		Per dozen \$ 1.65
Gills		" 2.20
	in a box; six doze	
In tin cans for	mechanics' use.	Cans have specia
fastenings and extr	ra large outlets.	
Half pints		Per dozen \$ 3.25
Pints		
Quarts		

Half gallons..... Gallons. one-half dozen in a case.

MARMORA



Mar-Mo.a. - Scronger than give. Invisible mender for everything, including glass, china, leather, wood, rubber, etc. Transparent. A perfect adhesive for paper or cloth on metal ... Per dozen \$ 1.20



No. 10 F ground. For general sizing and paper	
box use	-15
No. 20D Flake. For paper box making and paper	2220
coatingPer ID.	.17
No. 30.—P. & B. Flake. An admirable sizing glue.	
Good on soft wood, will not discolor Per ID.	.20
No. 40 C Noodle. An excellent glue of medium	- 2
strengthPer ID.	.25
No. 50.—Extra white. High grade, especially suit-	
ed for kalsomining and painters' usePer 1b.	.27
No. 60.—Schutz Marke. High grade imported. Great	
binding and spreading properties. For joining	
and wood workers' usePer 1b.	.27
No. 70.—Gold Medal. For high grade joining work	
as well as delicate sizingPer lb.	-30
No. 80 XXX Clear Flake. High in tensile	-
strength. The glue for hardwood usePer lb.	-38
300 to 500 pounds in a cask.	

ROYAL



Royal Glue.-Mends glass, wood, china, leather, or ......Per dozen \$ 1.35 iron. Brush top bottle.......... One dozen in a box.

GLUE POTS



Cast Iron Porcelain Lined

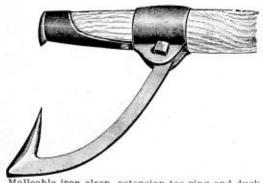
Cast Hon, Fore	CIGIN IN	meu.	
Nos	00	0	1
Pints	3/4	. 1	11/2
Per dozen	5.50	6.00	6.75
Nos	2	3	4
Pints	2	21/2	4
Per dozen		10.26	12.42

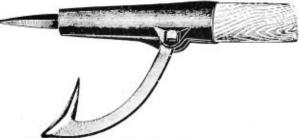


## LUMBERING TOOLS

CANT HOOKS

PEAVY HOOKS





#### CANT AND PEAVY HANDLES



Hard maple, extra selected and finished. Socket for	cant hooks, 21/2 in	ch.	
Nos.	4	41/6	5
Length, reet	4	41/2	5
Per dozen	S 6.00	6.00	7.00
Hard maple, extra selected and finished. Bored for	r peavy hooks, 21/2	inch.	
Nos.	14	141/2	15
Length, feet	4	41/6	5
Per dozen	8 6-00	6.50	7.00
Ironwood, selected and finished. Bored for peavy	hooks, 21% inches	E BEXTAG	
No. 24½.—Length 4½ feet		Per d	lozen \$ 10.00
One dozen in a bundle.			

#### TIMBER CARRIERS





#### BARK SPUDS

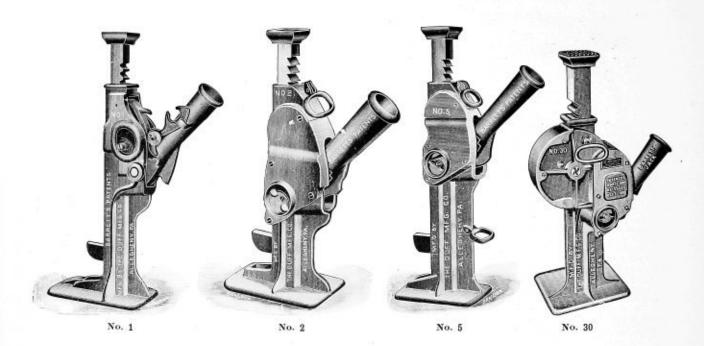


#### BARK SPUD HANDLES





## BARRETT JACKS



Frame or base of malleable iron; rack of forged steel, with machine-cut teeth. Pawls drop forged open hearth steel of high carbon. Fulcrum pin, high carbon-rolled steel machined. Hardened steel bearings and selected ash or hickory handles. The large rectangular shaped base gives great lifting strength and admits of the jack being used in close quarters. The working parts are all accurately machine finished and when worn out can be easily removed and replaced at slight expense. Nos. 1, 6, 12, 17, 20 and 21 are provided with a trip, by means of which the load can be dropped instantly from any elevation, at the will of the operator. Trip jacks are recommended for track work only. For general lifting purposes we recommend the automatic lowering jack, as it lowers the load gradually, in the same manner in which it is raised. Of the jacks Nos. 17, 20, 48, 18, 19, 29 and 30 are single acting, and the remainder double acting. In the single acting jacks the lever operates only on the downward stroke, raising the load a full notch, while in the double acting jacks it raises the load a half a notch on both the upward and downward strokes. All of the jacks, with the exception of the Nos. 8, 28, 38, 48 and 30 are provided with a foot lift for grappling low-set loads.

Nos.	Style	Capacity in Tons	Height with Bar down in inches	Raise of Bar in inches	Height with Bar raised in inches	Size of Bar in inches	Weight in pounds	Each
1	Trip	10	24	131/2	371/2	1½x1½	62	\$ 18.00
21	.64	10	24	11	35	1½x1½	61	18.00
6	44	15	31	19	50	17/8×15/8	105	32.00
12	46	10	173/4	8	253/4	1½x1½	50	17.00
17	**	10	24	133/4	373/4	1½x1½	63	18.00
20	46.	15	31	19	50	15/8×17/8	106	32.00
2	Aut.	10	21	10	31	15%x1½	65	25.00
22	Lower	10	181/2	8	261/2	15/8×11/2	66	25.00
32		10	201/2	10	301/2	15%x11/2	70	25.00
2 22 32 3	44.	12	261/2	15	411/2	13/4×17/8	85	30.00
4	**	15	22	10	32	2x2	100	35.00
5	46	15	28	15	43	2x2	115	40.00
5 8 48	44	10	11	5 5	16	15/8×11/2	48	22.00
48	44	15	11	5	16	13/4×17/8	60	25.00
28	44	10	10	5	15	15/8×11/2	46	22.00
38	14	20	10	5	15	2 x21/2	72	30.00
18	**	10	21	10	31	15% X11/2	68	25.00
19	64	15	28	171/2	451/2	2x2	102	35.00
50	44	5	16	8	24	11/4×11/4	33	16.00
00	**	1	12	6	18	3/4×13-16	81/4	8.00
29	Geared	25	28	17	45	21/2×21/4	165	95.00
30	44	35	28	17	45	2½x3	210	120.00



# **DUFF-BETHLEHEM HYDRAULIC JACKS**

PLAIN HYDRAULIC



Forged steel. Plain hydraulic jacks. Easily moved to and from the work.

Nos.	Capacity, Tons	Run-out in Inches	Height Closed, Inches	Weight, Pounds	Each
A	10	12	211/2	70	\$ 65.00
AA	10	18	271/2	78	75.00
В	15	12	211/2	80	82.00
BB	15	18	271/2	90	94.00
C	20	12	231/8	94	100.00
CC	20	18	291/s	106	118.00
D	30	9	20	100	120.00
DD	30	12	24	110	140.00
DDD	30	18	30	125	165.00
E	40	12	241/4	116	155.00
EE	40	18	301/2	135	185.00
F	50	12	251/2	160	180.00
FF	50	18	311/2	187	215.00
G	60	12	27	195	210.00
GG	60	18	33	236	250.00

#### FIXED CLAW HYDRAULIC



Forged steel. Fixed claw hydraulic jacks. For general lifting purposes where load is to be lifted by the foot. Drop forged foot or toe piece.

Nos.	Capacity, Tons	Run-out Inches	Height, Inches	Weight, Pounds	Each
BX	15	12	211/2	105	\$125.00
BBX	15	18	271/2	132	140.00
CX	20	9	191/4	140	145.00
CCX	20	12	231/8	160	165.00
CXX	20	18	291/8	180	185.00
DX	30	9	20	195	185.00
DDX	30	12	241/4	210	210.00
DXX	30	18	301/4	240	245.00
EX	40	12	241/2	217	250.00
EEX	40	18	301/2	250	280.00
FX	50	12	251/2	270	280.00
FFX	50	18	311/2	300	340.00

## BROAD BASE HYDRAULIC



Forged steel. Broad base hydraulic jacks. Gives a very solid foundation.

Nos.	Capacity, Tons	Run-out in Inches	Height, Inches	Diameter Base, Inches	Weight, Pounds	Each
H	10	12	22	11	80	\$ 78.00
HH	10	18	28	11	90	90.00
J	15	12	22	11	100	100.00
IJ	15	18	28	11	114	120.00
K	20	9	19%	12	106	110.00
KK	20	12	235/8	12	114	120.00
KKK	20	18	295/8	12	126	140.00
L	30	9	201/2	12	124	135.00
LL	30	12	241/2	12	135	150.00
LLL	36	18	301/2	12	150	175.00
M	40	9	201/2	12	129	165.00
MM	40	12	243/4	12	141	180.00
MMM	40	18	31	12	160	220.00
P	50	12	26	13	190	210.00
PP	50	18	32	13	212	260.00
R	60	12	271/2	14	230	290.00
RR	60	18	331/2	14	253	350.00

#### DUFF BALL BEARING GEARED RATCHET



Duff ball bearing screw jacks. With foot lifts. For general lifting work. Full load may be easily raised from the top of the jack, or one-half the rated capacity on the foot lift.

Nos.	Capacity, Tons	Height, Inches	Raise in Inches	Weight, Pounds	Each
66	15	22	10	110	\$ 60.00
60	15	26	13	122	70.00
67	25	22	10	165	90.00
61	25	27	13	180	96.00
68	35	22	10	200	130.00
62	35	26	13	225	138.00
64	50	27	13	300	150.00
70	70	27	13	350	200.00

The Duff-Bethlehem forged steel hydraulic jacks described on this page will work vertically, horizontally or in an inclined position. Can be continuously operated under severe services without expense, trouble or replacement.

The Duff ball bearing screw jacks described on this page are always ready for instant service, cover all requirements and may be readily applied to any lifting purpose.

# AUTOMOBILE AND WAGON JACKS



Barrett automobile jacks. Single acting, rapid, safe and economical. Workmanship the best and material the finest.

finest.

No. 44.—Capacity 1500 lbs. Height, bar down 10 inches; raises 6 inches. Weight 5 lbs.....Each \$ 3.50 No. 07.—Capacity 2000 lbs. Height, bar down 8 inches; raises 5 inches. Weight 7 lbs....Each No. 06.—Capacity 2000 lbs. Height, bar down 19 inches; raises 5 inches. Weight 8 lbs....Each No. 08.—Capacity 2000 lbs. Height, bar down 11 inches; raises 6 inches. Weight 9 lbs....Each No. 24.—Capacity 5000 lbs. Height, bar down 11½ inches; raises 5½ inches. Weight 14 lbs...Each 7.00



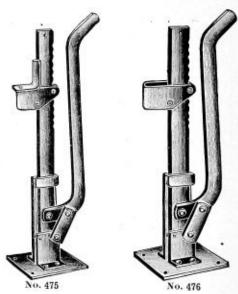
No. 0.—Reliable. Capacity 2 tons. Adjustable 15 to 24 inches. Weight 5 lbs. Swivel top. Crank on side gear quickly adjusts screw to different heights of work..........Each \$ 3.00



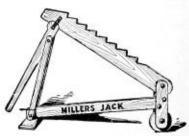
Peerless. Works at any angle. Automatic—raises by working handles below center and lowers by working above center. Raises 81/2 inches.

No. 17.—Capacity 1 ton Each \$ 3.00
No. 19.—Capacity 2 tons 4.00





Covert. All steel. Direct perpendicular lift. Steps are movable and can be readily adjusted to the height of any axle. Neatly finished in Japan. Strong, light and durable.



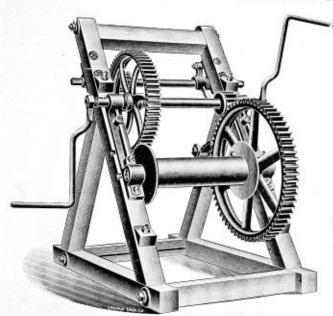
MADE IN FOUR SIZES.

Miller's. Requires no adjustment for different height axles. Works on any kind of surface.

No.	34M	-Capacity 1500 to 1800 lbsEach \$	
No.	2M	-Capacity 1800 to 2000 lbs	1.60 2.00
No.	3М	For heavy wagons, trucks and machin- ery Each	2.50



## WINDLASSES



No. 3.—Wood frame. Double purchase, with brake and two cranks. Drum, 6 inches in diameter, and 22 inches long inside of flanges. Face of cog wheels 3 inches. Frame mortised and bolted. Most powerful for its weight, with every modern improvement. Capacity, 5,000 lbs....Each § 75.00

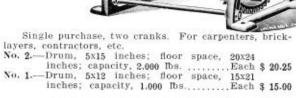
## JACK SCREWS

BELL BOTTOM

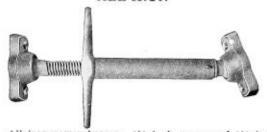


Jack screws. Japanned. Bell bottom. Without lever bars.

Size, inches	Height, inches	Capacity, tons	Each
1½x8	101/2	12	\$ 4-25
11/2×10	121/2	12	4.75
11/2×12	141/2	12	5.25
13/4×8	103/4	16	5.00
13/4×10	123/4	16	5.75
13/4×12	143/4	16	6.25
13/4×14	163/4	16	6.75
2 x8	111/4	20	6.00
2 x10	131/4	20	6.75
2 x12	151/4	20	7.50
2 x14	171/4	20	8.25



# SEWER BRACES



All iron sewer braces. 11/2 inch screw and 11/2 inch pipe. Length closed, inches ... 27 Length screw, inches ... 11 Per dozen ..... \$ 34.50 34.50 36.00 36.00 39.00 Length closed, feet ........ Length screw, inches..... 21/2 31/2 3 16 18 18 18 Per dozen \$39.00 40.50 42.00 43.50 Extra heavy, all iron sewer braces. 2 inch screw and 2 inch pipe. Length, closed, feet ... 3 3½ 4 4½ 5 Length screw, inches .. 18 18 18 18 18 Per dozen ... \$76.50 78.00 79.50 81.00 82.50 Safety limit of extension 6 to 10 inches, according to length of brace. Sizes given are overall and when closed.

#### FITTINGS FOR TIMBER BRACES



Fittings for combined screw and timber braces. This style of brace can be used in any width of trench from 2 to 30 feet. Will be found especially valuable in wide and deep trench and foundation work. Can also be used to good advantage in small trench work. We do not furnish timbers.

Size of screw, inches Size of cap, inches Per dozen sets

or not com, and arrest	grace or cup, inches	Total deposit need
11/2×14	4×4	\$ 27.00
11/2×14	6×6	30.00
11/2×18	6×6	33.00
2 X18	6x6	57.00
2 x18	8x8	60.00
2 x18	10×10	63.00
2 x18	9x12	66.00

When required, caps for the butt end of the brace can be furnished at an extra cost. Unless otherwise stated in order, all orders will be filled with the single cap.



## TACKLE BLOCKS

#### WOOD









SINGLE

TRIPLE

SNATCH

Iron strappe	u anu i	ron busned v	wood blocks.			
Length of shell, inches	4	5	6	8	10	12
Size of sheave, inches	21/4	3	31/2	43/4	61/4	8
For rope, inches		5/8	3/4	1	11/8	11/4
Single. —Each \$		-90	1.10	1.65	2.75	4.45
Double.—Each	1.60	1.75	2.00	2.85	4.50	7.50
Triple. —Each	2.15	2.25	2.90	4.25	6.25	10.65

Wood Snatch .- Iron strapped. Link pattern. Iron bushed.

Length of shell, inches	6	8	10	12
Size of sheave, inches	3	41/2	53/4	63/4
For rope, inches		1	11/4	11/2
Each	4.00	5.75	8-50	10.00

#### STEEL. ANVIL BRAND







SINGLE

DOUBLE

TRIPLE

Anvil Steel Blocks. Forged steel hooks, straps, pins and shells. Straps extend full length of shell, giving strength and rigidity as well as furnishing a good support for beckets. Japanned black.

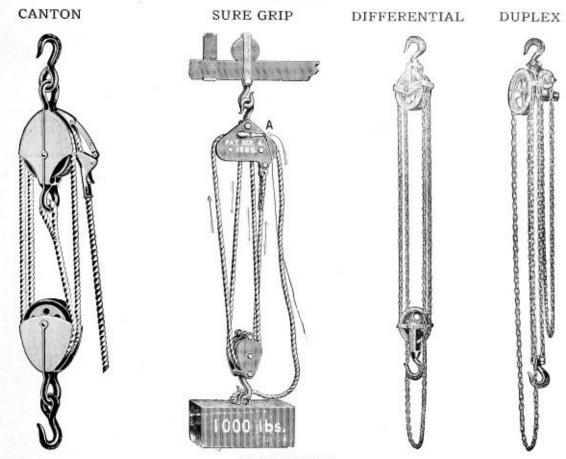
and the same and the same and the same and the poor purposes to	The state of the state of	o or because or	STATE CALL		
Length, shell, inches	3	4	5	6	8
For rope, inches	3/6	1/2	5/6	3/4	1
Single. —Each \$	.70	-85	.90	1.10	1.65
Double.—Each	1.30	1.60	1.75	2.00	2.85
Triple. — Each				2.90	4.25

#### Snatch, Wrought Steel Extra Heavy Forged Hooks,

Shatch, Wrought Steel Extra Heavy Forged Hooks.			
Length of shell, inches Size of sheave, inches	6	8 4¾	10 61/4
For rope, inches	5.00	7.00	9.00



## HOISTS



#### CANTON HOISTS

Galvanized. Simple in construction, strong, positive and effective. It elevates, lowers, locks and unlocks with one rope only, operator having both hands free to control the load. Can be used in any position—perpendicularly, horizontally or at any angle. The heavier the load the better it holds—it cannot slip. Useful on the farm, in factories, mills, etc. Prices include double sheave blocks above and below but no rope.

Nos.	41	37	33	27
For rope, inches	3/6	1/2	1/2 or 5/8	3/4 or 7/8
One man can lift, lbs	400	400	500	500
Capacity, lbs.	1000	1500	3000	4000
Each	S 2-00	3.00	4.00	6.00

#### SURE GRIP BLOCKS

Japanned. Body of steel plates. Pins of cold rolled steel. Malleable iron castings. Automatic brake in the shape of a fluted wedge. Does not flatten the rope and will hold at any point without fastening. The heavier the load the better the grip. Prices include upper and lower blocks but no rope.

Nos	3	4	5	6
For rope	3/8	1/2	5/8	3/4
One man can lift, lbs.	300	350	400	450
Capacity, Ibs.	600	1000	1800	2500
Each	\$ 4.50	8.00	10.00	12-00

#### YALE DIFFERENTIAL BLOCKS

Sheaves and chain of special iron. Accurately gauged chain fits the carefully formed sprockets—no stretching. Not affected by heat or cold—will stand all kinds of weather. The best all around block for rough and occasional use.

Capacity, tons	1/6	1/4	1/9	1	11/2	2	3
Holst, feet	5	6	7	8	81/2	9	91/2
Each		18-00	21.00	28.00	36.00	45.00	60.00
Ex. Hoist, per foot	2.80	2.80	2.80	3.00	3.20	3.40	4.00

#### YALE DUPLEX BLOCKS

Screw geared. Load chain sheaves carried on a steel shaft and fitted with safety guides. Bronze worm wheels and steel worms with hardened and ground thrust bearings running in oil. Light, powerful and requires very little head room. Unexcelled for shifting and general use.

Capacity, tons	1/2	1	11/2	2	3	4	5
Hoist, feet	8	- 8	8	9	10	10	12
Each	\$ 25.00	30.00	40.00	50.00	75.00	95.00	140.00
Ex. Hoist, per foot		1.50	1.75	2.00	2.20	2-40	3.00

One in a case.



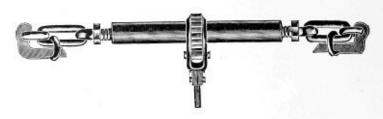
## RAIL BENDERS



Rail Benders. Jim Crow Pattern. Forged steel. Machine cut thread.

breet. Machine	040	Case C	CA 18.4			
Nos	0	1	2	3	4	5
For rail, lbs.	20	25	50	75	85	100
Weight, Ibs.,	34	62	90	124	141	156
Each \$	7.50	13.50	18.00	22.50	25.50	30.00

# RATCHET PULLING JACKS



Ratchet Pulling Jacks. Double acting, enabling operator to pull or let go without changing position. Made with 1%-inch screw. Suitable for railroad wrecking crews, mines, quarries, foundries, etc.

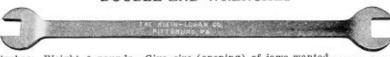
Nos	14	18	24	30	36
Take up, inches	14	18	24	30	36
Each	\$ 7.50	7.50	9.00	9.75	10.50

## TRACK TOOLS

#### SINGLE END WRENCHES



#### DOUBLE END WRENCHES



#### RAIL FORKS



No. 275.—Rail Forks. Weight 15 pounds Per pound \$ .13½

#### RAIL TONGS



## CAR MOVERS





## WIRE ROPE

#### TRANSMISSION, HAULAGE OR STANDING











Seven wires to the strand. Six strands and one hemp core. Nineteen wires to the strand. Six strands and one hemp core.

Diameter in Inches	Approximate Circumference in Inches	Weight per Foot in Pounds	Minimum Diameter of Drum or Sheave in Feet	Approximate Breaking Stress Iron Rope in Tons of 2000 Pounds	Proper Working Load Iron Rope In Tons of 2000 Pounds	Iron Transmission per Foot	Crucible Steel Transmission per Foot
11/2	43/4	3.55	10	34	6.80	\$ -51	\$ -60
13/8	41/4	3.00	9.5	29	5.80	.43	.51
1½ 1½	4	2.45	9	24	4.80	-36	.43
1/8	3½ 3	2.00	8.5	20	4.00	.29	-36
1	3	1.58	8	16	3.20	-23	-28 -22
7-8	23/4	1.20	7	12	2.40	.171/2	-22
3-4	21/4	0.89	6	9.3	1.86	-14	-16 -13½
11-16	21/8	0.75	8 7 6 5 4.5	7.9	1.58	.12	.131/2
5-8	2	0.62	4.5	6.6	1.32	-10	-11
9-16	13/4	0.50	4	5.3	1.06	-08	-09
1-2	11/2	0.39	3.5	4.2	0.84	.061/2	
7-16	11/4	0.30	3	3.3	0.66	-051/2	
3-8	11/8	0.22	2.5	2.4	0.48	-041/2	-051/2
5-16	1	0.15	2	1.7	0.34	-033/4	-041/2
9-32	7/8	0.125	2 1.5	1.4	0.28	.031/4	.04

Iron transmission is used principally for the transmission of power. The wire is of the best Swedish iron.

Crucible cast steel transmission rope is particularly adapted for use in haulage systems. The rope is made of a high quality of crucible cast steel much stiffer than hoisting rope. The weight is the same as iron transmission but the approximate breaking stress and the proper working load are just double that of the iron rope.

TILLER





Six strands of forty-two wires each (252 wires in all), seven hemp cores.

Diameter, inches. 1  $7_6$   $3_4$   $3_6$   $7_6$   $1_2$   $7_6$   $3_6$   $7_6$   $1_4$  Wight per ft., lbs. \$1.10 .84 .62 .43 .35 .28 .21 .16 .11 .07 Iron, per foot... .33 .27 .22 .17 .14 .11 .10 .09 .08 .0714 Cast steel, per ft. .43 .36 .30 .24 .19 .17 .15 .14 .1212 .11

This rope is used for steering rope on vessels, for hand rope on elevators, and for other service where great flexibility is required. Care should be taken not to subject Tiller rope to severe abrasive wear.

Can furnish tinned or galvanized if required.

Diameter in Inches	Approximate Circumferenc in Inches	Weight per Foot in Inches	Minimum Diameter of Drum or Sheave in Feet	Approximate Breaking Stress from Rope in Tons of 2000 Pounds	Proper Working Load Iron Rope in Tons of 2000 Pounds	Iron Hoisting per Foot	Crucible Steel Hoisting per Foot
15/8 11/2	5 43/4	4.15 3.55	6 5.5	42 36	8.40 7.20	.63 .57	.74 .66
13/8	41/4	3.00	5.25	31	6.20	-48	.56 .46 .38
11/4	41/4	2.45	5	25	5.00	-40	-46
11/9	31/2	2.00	4.5	21	4.20	-33	-38
1	3½ 3 2¾ 2¼ 2¼ 2 1¾	1.58	4	17	3.40	.26	.30 .23
7-8	23/4	1.20	3.75	13	2.60	-20	-23
3-4	21/4	0.89	3.5	9.7	1.94	-16	-18
5-8	2	0.62	3	6.8	1.36	-12	.14 .12
9-16	13/4	0.50	2.75	5.5	1.10	-10	.12
1-2	11/2	0.39	2	4.4	0.88	-08	.11
7-16	11/4	0.30	1.75	3.4	0.68	.071/2	.10
3-8	11/8	0.22	1.5	2.5	0.50	.07	.091/2
5-16	1	0.15	1	1.7	0.34	-063/4	.091/4
1-4	3/4	0.10	.75	1.2	0.24	.061/2	.09

Iron hoisting is adapted for elevator service and may be used for running purposes where high tensile strength and resistance to abrasion are not essential.

Crucible cast steel hoisting rope is particularly adapted for service in mines, for logging, on elevators, derricks, hay presses, dredges, inclined planes, etc. The weight is same as iron hoisting, but the breaking stress and proper working load are just double that of the iron rope.

#### GALVANIZED STRAND



Seven steel wires twisted into a single strand, Galvanized. Diameter, inches.... 1-2 7-16 3-8 5-16 1-4 Weight per 100 ft., lbs. 51 411/2 291/2 21 121/2 Strength in Ibs..... 8500 6500 5000 3800 2300 Per 100 feet...... \$ 4.50 3.75 2.75 2.25 1.75 Diameter, inches... 3-16 5-32 3-32 Weight per 100 ft., Ibs. 91/2 71/2 51/2 2 31/4 Strength in Ibs..... 1800 1400 900 500 400 Per 100 feet...... \$ 1.50 1.25 1.15 1.00

Used for guys on poles and stacks; for signal strand, and as messenger strand for telephone, cables, etc.

## WIRE ROPE FITTINGS

CROSBY WIRE ROPE CLIPS ROPE THIMBLES WIRE ROPE CLAMPS

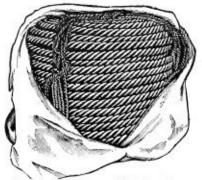
Crosby wire rope clips.—Galvanized. Light durable and easily applied. Die forged.

Diameter of rope, inches. 2½ 2½ 2 1¾ 1½ 1½ 13% 1½ 1½ 1½

Diameter of rope, inches	21/2	21/4	2	13/4	11/2	13/8	11/4	11/8
Each		9.50	7.50	5.50	1.50	1.25	1.10	-95
Diameter of rope, inches		7/9	3/4	5/4	1/2	3/6	5-16	1/4
Each	S .85	.75	-65	-55	-45	-40	.35	-35
Oval T	himbles.—	Galvanize	d, extra l	heavy.				
Width, inches		11/2	13/4	11/4	11/8	1	7/8	3/4
Each		S .50	13/s -42	.33	-25	.20	% -16	.15
Width, inches		5/0	9-16	1/2	7-16	3/4	5-16	1/4
Each		8 .13	.12	.11	.10	.09	-08	-08
Wi	re rope cla	mps.—Ex	tra heav	y.				
Diameter of rope, inches 21/4		13/4	15/8	1 7-16	11/4	1 3-16	11/8	1 1-16
Each \$8.00		4.00	3.00	1.50	1.10	.90	.75	65
Diameter of rope, inches 1		13-16	3/4	5/6	9-16	1/2	7-16	5-16
Each \$ .60	<sup>7</sup> / <sub>8</sub> ₊50	.45	-40	-35	-33	-30	.28	.25
23000,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		4	_					

"STERUNG BRAND FOR QUALITY STANDS"

## ROPE. TWINE AND CUTTERS



#### MANILA AND SISAL ROPE

Diameter, inches 1/4	5-16	3/8	1/2	5/8
Feet in 1 lb 40	30	23	13	71/2
Strength in 1bs 450	750	900	1700	3000
Coil weighs, lbs. about 27	33	40	50	85
Diameter, inches 3/4	7/8	1	11/4	11/2
Feet in 1 1b 6	4	31/2	21/4	11/2
Strength in 1bs3900	5600	7200	14000	18000
Coil weighs lbs. about 110	150	180	250	400
1/2-inch and larger, base sizes				
%-inch		Extra, pe	er pound	½c net

1-4 and 5-16-inch......Extra, per pound 1c net Sisal rope will not be cut. Manila rope, 1/2-inch and larger, cut

at 1c per lb. extra net.

Manila fibre from which Manila rope is made is grown in the Philippines and is obtained from a species of the wild banana plant. The fibre is extracted and worked entirely by hand. Our rope is made from thoroughly cured and cleaned fibre, thus giving a fine texture and great strength.

Sisal fibre is obtained from a species of cactus. When extracted is white in color with occasionally a creamy tinge, The strength of Sisal rope is about ¾ that of the better grades of Manila.

The estimated strength given above is based on Manila rope. Working strain is one-third of above strength.

COTTON ROPE



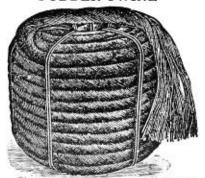


Twisted Cotton Rope. On Reels.

1/4-in. High grade. Selected stock.... .50

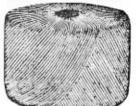
On reels weighing from 30 to 35 lbs. No. 24.—Solid braided cotton. About 14-inch diameter. 2400 feet continuous length on .... Per reel \$ 16.00

FODDER TWINE



Sisal louder or lath twine. Tarred. Sterling.—130 threads. In colls of about 50 pounds. ..Per lb. \$ ....

#### BINDER TWINE



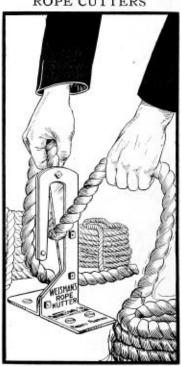
Sterling .- Standard binder twine. In 5 lb. balls. Per pound .. In bales of about 50 pounds.

#### CANDLE WICK



.30 Crescent.—Medium fibre. Selected stock. "
Sterling.—Long fibre. Extra stock. Soft. "
Eagle.—Long fibre. Extra stock. "
Sterling Special.—Thread wick. Extra stock. -40 -50 .50 Per pound .. .55

Five pounds in a bag; 100 pounds in a bale. ROPE CUTTERS



in seces, 10 in. mign May be fastened anywhere and will cut in any position

#### COTTON, BALLS

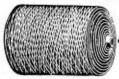
## TWINES

#### FLAX, BALLS



No. CB .- White cotton. In balls weighing about 

Five pounds in a package. COTTON, TUBES



No. CT .- White cotton. On tubes weighing about 



COTTON, CONES

No. Co.-White cotton. On cones weighing about 2 pounds.....

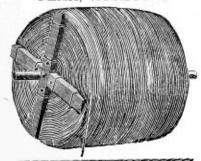
#### SEINE



No. 24S

Twisted white cotton Seine twine. Medium laid. Extra selected stock. In skeins, about 5 pounds to the package. 

#### FLAX. WRAPPING



No. 18R .- Flax wrapping. Hard laid. The standard wrapping twine put up on wood reel-convenient form for store or factory use. Reels One reel in a package.

Check BARALLEAN

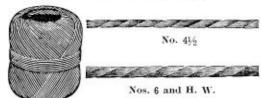
wrapping. Hard laid. Standard grade. 1/2 pound balls......Per pound \$ No. 18. .36 No. 181/4. 1/4 pound balls..... .40 —1/2 pound balls..... No. 24. .34 1/2 pound balls..... No. 36. .30 Three pounds in a package.

#### FLAX, MATTRESS



No. 12.—Flax mattress. Extra hard laid. Smooth finish. For sewing mattresses, sacks, awnings, wagon covers, etc., 1/2 pound balls ... Per pound \$ .90 Three pounds in a package.

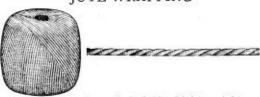
#### HEMP AND HARD WOOL



India hemp wrapping. Hard laid. For heavy packages and bundles or wool.

100 pounds in a bale.

#### JUTE WRAPPING



No. 3 .- Jute wrapping. Soft laid. Light weight. 150 to 200 pounds in a bale.

#### JUTE WOOL



No. J. L. W. No. JLW .- Light weight jute wool twine. Also No. J.W. -Jute wool twine. For tying wool or

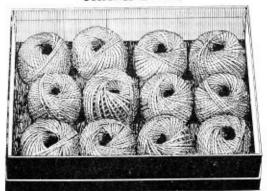
heavy vines .......Per pound Balls weigh about 1 lb.; 100 to 125 lbs. to a bale.

Short sections show actual sizes.



# CHALK, MASON AND OUT LINES

CHALK LINES



No. 11

No. 13

White cotton twisted chalk lines in balls.

Nos. 11 13

Length, feet 50 100

Per dozen \$ .80 1.60

One dozen in a box.

STAGING

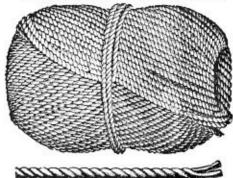


White cotton twisted staging. Medium laid. In balls.

No. 100.—Length about 100 feet.........Per dozen \$ .90

One dozen in a box.

TROT, OR OUT LINES, BALL



No. 8



BRAIDED MASON OR AWNING LINES



No. 31/2

No. 4

No. 4½

Braided cotton mason or awning lines. White, glazed.
In hanks containing 48 feet each, 12 connected—576 feet to the dozen. Invaluable for many uses about the home as well as for mechanics.

YELLOW MASON LINES



No. 21

 Length, feet.
 50
 100

 Per dozen
 \$ .80
 1.60

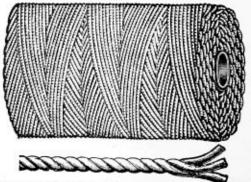
 One dozen in a box.

BRAIDED MASON LINES



Braided mason lines. Mottled olive and green. In

TROT OR OUT LINES, TUBES



White cotton twisted trot or out lines. On tubes.

No. 12.—Tubes weighing about 12 pounds. Average weight about 165 feet to 1 pound....Per pound \$ .65

One tube in a package.

Short sections show actual sizes.



## ASBESTOS BOARDS AND SHEETS

#### FIRE BACKS AND MILL BOARDS



Asbestos Nos		1820	2020	2024	2026
Inches	16×20	18x20	20×20	20x24	20×26
Per 1b	\$ .09	.09	.09	-09	-09
Nos	2030	2226	2230	2430	2228
Inches	50x30	22x26	22×30	24×30	22x28
Per 1b	\$ .09	-09	.09	-09	.09
Asbestos Mi grates, etc. In 1-32 to 1-2 inch pose use.	standard	l sheets	40x40 or	42×44	inches.

No. 40 .- (Specify size and thickness) .... Per 1b. \$ .09

#### ASBESTOS FIBRE



Asbestos Fibre.	Prepared 1	or Gas	stoves,	grates,	etc.
No. 10 About 1/4	lb. packag	es	Pe	er doz.	\$ 1.35
No. 20 About 1/2	lb. packag	es		41	3.00
No. 40 About 1	th. packag	es		4.6	6.00

#### FIRE PROOF GLUE



Fireproof glue. For cementing asbestos fibre to fire-

backs, etc.	
No. 44 ounce bottles	Per doz. \$ 1.20
No. 8.—1/2 pint bottles	
No. 16.—1 pint bottles	
No. 321 quart bottles	
No. 128.—1 gallon tubs	

#### STANDARD HAIR FELT



Standard hair felt. Selected cattle hair formed by an improved felting process. In bales 6 feet wide containing 300 square feet.

Nos	4	8	12	16	24	32
Thick, in	1/4	1/2	3/4	1	11/2	2
Per sq. ft \$		-15	-18	-20	-30	-40

## ASBESTOS SHEATHING



Asbestos building felt or sheathing. A fire-proof sheathing or lining felt, and on account of its non-conducting qualities largely used for lining side walls, floors, wood partitions, etc. Will not disintegrate, is odorless and vermin proof. In rolls 36 inches wide and weighing approximately 100 pounds each.

No.	6 6	ms.	per	100	square	feet		.06
								-06
								-06
							14	.06

#### ASBESTOCEL PAPER



Asbestocel corrugated fire-proof paper. Consists of corrugated paper, backed by a plain or flat layer of the same material. Being flexible it can be readily handled and cut any desired length, which makes it specially adapted for wrapping heater pipes and other surfaces requiring thin, flexible insulation. Prevents pipe from rusting and does away with the danger of fire from overheated furnaces and pipe. In rolls 36 inches wide containing approximately 250 square feet.

No. 1 .- 1 ply. About 1/4 inch thick ...... Per roll \$ 9.00

#### MINERAL WOOL

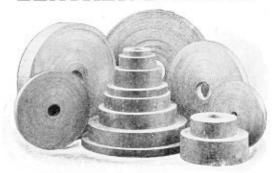


Select mineral wool. For fireproofing and cold storage insulation. Especially clean, long staple material free from sulphur and weighing about 12 lbs. per cu. ft. One pound will cover one sq. ft. about 1 inch thick. In sacks containing about 60 pounds.

Packing charges extra.



## LEATHER BELTING



Century and Fair Oaks Brands.

Century Brand.—Short lap, made from extra heavy center stock. Pure oak tanned, carefully curried and fully stretched.

Fair Oaks Brand.—Same tannage as Century, but lighter weight, and not as carefully selected.

#### PER FOOT.

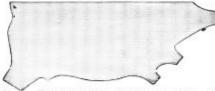
			7777.7				
Inch.	h. Single. Double.		Inch. Single.		Double		
1	\$ -24 -30	\$ -48 -60	20	\$ 4.80 5.04	\$ 9.60 10.08		
11/4	-36	.72	21 22	5.28	10.56		
13/4	-42	-84	23	5.52	11.04		
2	-42	.96	24	5.76	11.52		
21/4	.54	1.08	25	6.00	12.00		
	.60	1.20	26	6.24	12.48		
23/4	-66	1.32	27	6.48	12.96		
3	.72	1.44	28	6.72	13.44		
31/4	.78	1.56	30	7.20	14.40		
31/2	-84	1.68	32	7.68	15.36		
33/4	.90	1.80	34	8.16	16-32		
4	.96	1.92	36	8.64	17.28		
41/2	1.08	2-16	38	9.12	18-2		
5	1.20	2-40	40	9.60	19.20		
51/2	1.32	2-64	42	10.08	20.1		
6	1.44	2-88	44	10.56	21.1		
61/2	1.56	3.12	46	11.04	22.00		
7	1.68	3.36	48	11.52	23.0		
8	1.92	3.84	50	12.00	24.00		
8	2.16	4.32	52	12.48	24.96		
10	2-40	4.80	54	12-96	25.93		
11	2.64	5.28	56	13.44	26.88		
12	2.88	5.76	60	14.40	28-80		
13	3.12	6.24	64	15.36	30.72		
14	3.36	6.72	68	16.32	32-64		
15	3.60	7-20	72	17.28	34-56		

## LACE LEATHER



Sterling.—Extra quality cut Rawhide. All selected, enclosed in oiled paper and cardboard carton. Keeps in perfect condition on the shelf.

Width, in. . 1/4 5-16 1/8 1/2 1/8 1/4 1/8 1 Per 100 feet \$ 1.25 1.50 1.75 2.25 3.00 3.75 4.50 5.25



## RUBBER BELTING



Century and Buckeye Brands.

Century Brand.—Made of 32-ounce duck. Cover and friction of para rubber.

Buckeye Brand.—Stock throughout of good quality. Well and thoroughly made in every particular.

#### PER FOOT

Inch	2-ply	3-ply	4-ply	5-ply	6-ply	7-ply	8-ply
1 11/4 11/4 11/4 11/4 11/4 11/4 11/4 11	\$ .09 .11 .13 .15 .18 .22 .26 .30	\$ .11 .13 .15 .17 .20 .25 .30 .35 .40 .45 .50 .90 1.00 1.10 1.20 1.30 1.40 1.52 1.65 1.87 2.09 2.33 2.60 2.86 3.12 3.39 3.65 3.92 4.18 4.44 4.717 5.24 5.50 5.76 6.03	\$ .13 .16 .19 .22 .25 .31 .37 .43 .50 .55 .61 .72 .84 .96 1.07 1.20 1.32 1.43 1.56 1.69 1.83 1.96	\$ .23 .27 .31 .38 .45 .53 .61 .69 .76 .99 1.04 1.13 1.49 1.63 1.78 2.11 2.28 2.44 2.77 3.10 3.47 3.85 4.23 4.62 5.39 5.78 6.16 6.93 7.32 7.32 7.32 7.32 7.32 7.32 7.32 7.3	\$ .37 .46 .55 .65 .75 .84 .91 1.28 1.28 1.24 1.60 2.15 2.34 2.74 2.94 3.33 3.73 4.16 4.62 5.08 5.54 6.00 6.47 6.93 7.39 7.85 8.32 8.78 9.24 9.70 10.16	\$ .86° 1.06 1.25 1.46 1.88 2.09 2.50 2.73 2.96 3.19 3.42 3.88 4.35 5.39 5.93 5.93 7.00 7.55 8.09 8.62 9.16 9.70 10.24 10.78 11.32 11.80	\$ 1.44 1.66 1.95 2.16 2.65 2.81 3.33 3.66 3.93 4.44 4.97 5.56 6.16 6.77 7.33 8.66 9.22 9.22 9.21 11.00 11.77 12.94 13.55 14.11
54	5.46	6.56	7.70	9.63	11.55	13.48	15-40
56	5.68	6.82	8.01	10.01		14.01	16.02
58	5.90		8.32	10.40	12.47	14.55	16.63
60	6.12	7.35	8-62	10.40		15.09	17-2



## **PACKINGS**

#### SHEET



2XL.—Medium grade sheet packing .... Per lb. \$ .30
Standard.—Fair grade sheet packing .... 24
Rolls contain about 200 lbs.

#### SQUARE DUCK



#### EUREKA



#### PEERLESS SPIRAL



Peerless Spiral.—For piston and valve rod packing. Will hold 400 lbs. of steam. In boxes containing 5 to 10 lbs. Sizes 1/4 to 2 inches. Per lb. \$ 1.50

#### ECLIPSE GASKET



#### DIAGONAL PISTON



Diagonal Piston.—Same construction and quality as Daniel's P. P. Specially recommended for piston or pump packing. In boxes containing 5 to 10 lb. Sizes, 1/4 to 1 inch.......Per lb. \$ .85

#### CENTURY



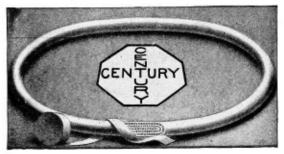
#### KEYSTONE FLAX



Keystone.—Square flax packing of selected long fibre flax all through. In boxes containing 5 to 10 lbs. Sizes, ¼ to 2 inches . . . . . . Per lb. \$ .50

## **PACKINGS**





Century Gasket.—Any size handhold or manhole gasket made instantly and without waste. In square boxes of 12 foot lengths, with extra metal tubes and a roll of tape in each box. Per pound

## WASTE



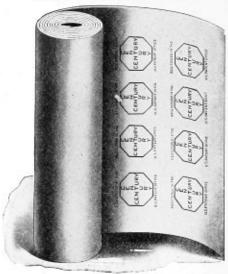
| White Cotton Waste. Machined. | Standard. | Per lb. \$ .15 | Syracuse. | .13½ | Syracuse. | .13½ | Standard. | Per lb. \$ .13½ | Syracuse. | .10½ | Syracuse. | Per lb. \$ .10½ | U. S. Special. | .10 | In bales of medium size containing from 100 to 150 lbs.

## OAKUM



No. 325.—Stratford's Best. Made of best Manila, for calking steamboats, barges, etc...Per bale \$ 6.50 No. 300.—U. S. Navy. For plumbers' use. For calking vent pipes, sewer pipe, etc...Per bale \$ 6.00 In bales of 50 lbs. each.

#### CENTURY SHEET



Century Sheet.—Extra high grade and free from all coloring matter. Will not crack. Especially adapted to construction work. In rolls containing 150 to 200 lbs. 1-32 to 1-4 in. thick. Per lb. \$ .90

## FRICTION TAPE

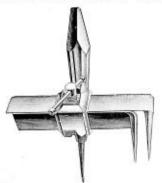


Sterling.—A first class friction tape for general all around use. Closely woven, uniform and of exceptional strength. Both sides heavily and evenly covered. In rolls 34 in. wide containing 1/2 lb. Each in carton....Per doz. cartons \$ 3.00





## WASHER CUTTERS



## LACE CUTTERS



# WIRE BELT LACING



Wire belt lacing. Specially suited for all rapidrunning machinery.

No. 0For belts 1 to 21/2 inchesPer	100	ft.	\$ 1.50
No. 1 For single belts, 5 in. and under			1.50
No. 2 For wide single or nar'w d'ble belts	**		1.50
No. 3.—For double helts above & inches			1.50

# GAUGE GLASS CUTTERS

#### FAVORITE



Favorite.—Simple and effective ..... Each \$ .60

#### MODEL



## GAUGE GLASSES



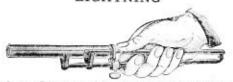


#### SCOTCH GAUGE GLASSES. PER DOZEN.

Length inches	External Diameter					
	½ and %	3/4	7/8			
10	\$ 3.00	\$ 3.60	\$ 5.04			
11	3.24	3.96	5.64			
12	3.60	4.32	6.12			
13	3.84	4.80	6.60			
14	4.20	5.16	7.08			
15	4-44	5.52	7.56			
16	4.80	5.88	8-16			
17	5.04	6.24	8.64			
18	5.40	6.60	9.12			
19	5.64	7.08	9.60			
20	6.00	7.44	10.20			
22	6.60	8.16	11-16			
24	7.20	8.88	12-12			

One-half dozen in a package.

#### LIGHTNING



#### CHESTERTON



Chesterton.—Sliding lever can be placed close to work. Nickel plated . . . . . . . . . . . . Each \$ 3.50

#### GAUGE GLASS WASHERS



	Gauge	glass washers.	About 1/4 inch thick.	
No.	12For	1/2 inch glasses	Per doz. \$	.50
No.	58.—For	% inch glasses		.50
No.	34.—For	3/4 inch glasses	"	.60
No.	78 -For	7/ inch glosses	41	00

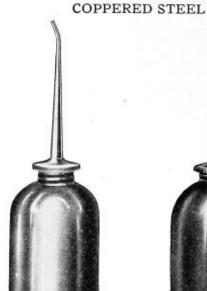
## MOWING MACHINE OILERS





No. 8258

No. 825B Tin, bright finish. Wide mouth, 11/8 inches in the clear. 3 inches in diameter and 4 inches high. Spout 4½ inches long. Capacity ¾ pint. A desirable oiler at a low price.





No. 705B No. 705S Seamless steel body, copper plated. Wide mouth, 11/8 inches in the clear. 3 inches in diameter and 4 inches high. Spout 4½ inches long. Capacity ¾ pint. Easy to fill, serviceable and attractive in appearance. No. 705B.—Bent spout Per doz. \$ 2.40 No. 705S.—Straight spout 2.40

One dozen in a box.

COPPERED STEEL

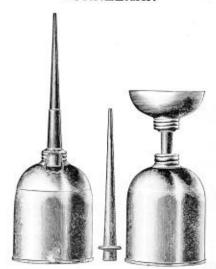


No. 605B



No. 605S

FUNNELKAN



Shows Funnel Feature of 919B and 919S

Williamson's funnelkan. Heavy body, steel copper plated. Standard mouth. 3 inches in diameter and 3½ inches high. Spout 5 inches long. Capacity ¾ pint. Combination oiler and funnel—the funnel serving as a rapid filler as well as making a double breasted can.
The short spout makes a desirable oiler for thick oils
or for use in the winter. With the tapering spout this oiler combines every feature wanted by the farmer, automobile owner, etc.

No. 919S .- Straight spout .... 4.00

One dozen in a box.

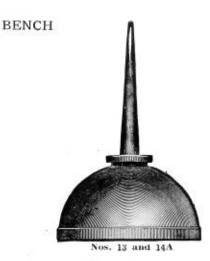


## OILERS

ZINC







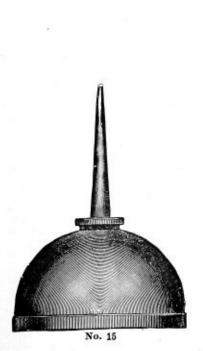
ZINC OILERS

Seamless zinc body, tin spring bottom. Easy working coarse thread screw spout. Large opening for easy filling. Leather washer prevents leakage. 00 Capacity, gills ...... Per dozen ..... \$ 1.00 2.00 4.50 Numbers 00 and 0, one dozen; others one-half dozen in a box.

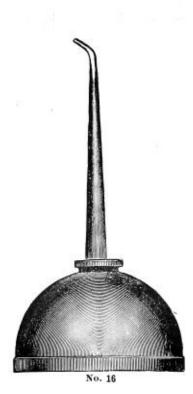
#### COPPERIZED BENCH OILERS

One dozen in a box.

#### BENCH







COPPERIZED BENCH OILERS

Bodies of 20 gauge cold rolled steel with tempered spring steel bottoms. Copper plated inside and outside. Highly polished finish. Large opening for easy filling. With leather washer.

No. 15.—Capacity 1 pint. Diameter 41/4 inches. Straight spout 3 inches long. Per dozen \$ 9.25

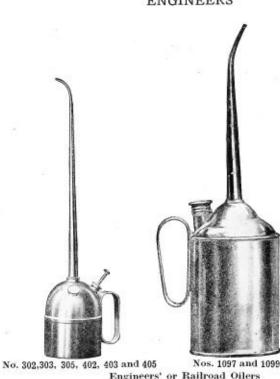
No. 14.—Capacity 1 pint. Diameter 33/6 inches. Bent spout 9 inches long. 6.50

No. 16.—Capacity 1 pint. Diameter 41/4 inches. Bent spout 9 inches long. 10.50 One dozen in a box.

OILERS









Nos. 201, 202 and 204

20 gauge copperized	steel. Highly polished. Bent spout and turns in any direction.	
No. 10.—Capacity 1 pint. Diameter	3% inches; height 5 inches. Spout 12 inches long Per dozen \$	14.00
No. 11Capacity 1 quart. Diameter	r 41/8 inches; height 6 inches. Spout 18 inches long "	18.00
20 gauge brass, hig	thly polished and lacquered. Spout turns in any direction.	
		18.00
No. 18.—Capacity 1 quart. Diameter	41/6 inches; height 6 inches. Spout 18 inches long "	21.00

Engineers' Pump Oilers Two valves automatically control oil. Plunger directly under thumb. For overhead bearings and machinery. Bent spout.

No. 302 Heavy tin.	Capacity 1 pint.	Spout 10 i	nches long		Per dozen	\$ 17.50
No. 202 Heavy tin.	Capacity 11% pint.	Spout 12 i	nches long			21.75
No. 305 Heavy tin.	Capacity 1 quart	. Spout 16 i	nches long			24-25
No. 402.—Copperized	steel. Capacity 1	pint. Spo	out 10 inches	long	44	25-25
No. 403.—Copperized	steel. Capacity 11/	, pint. Spo	out 12 inches	long	46	29-50
No. 405.—Copperized	steel. Capacity 1	quart. Spo	ut 16 inches	long	**	32.25
140. 400. Copperate	NAMES OF THE POST OF THE PARTY.		Dain Oilone			

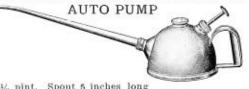
Bright polished tin finish. Bent spout. Brass screw filler cap. No. 1097.—Capacity 1 pint. Spout 7 inches long. Per dozen \$ 4.80
No. 1099.—Capacity 1 quart. Spout 7 inches long. 6.00

All above, one-half dozen in a box.

Galvanized Oilers

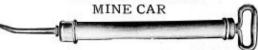
Heavy galvanized steel with long spout, bent or straight (specify which) for pit cars, machinery, etc. No. 204 .- Capacity 4 quart ...

Designed for automobiles and motor boats, but as well adapted for all stationary machinery. Spout turns in any direction.



Equipped with two valves working automatically. Delivers oil to the bearings a drop or a spoonful as desired. Strainer prevents cloging.

No. 801.—Copperized steel. Capacity 1/2, pint. Spout 5 inches long	dozen	\$ 23.50
No. 802.—Copperized steel. Capacity 1/2 pint. Spout 9 inches long.	44	24.00
No. 804.—Copperized steel. Capacity 1 pint. Spout 9 inches long	41	25.75
No. 901.—Polished brass. Capacity 1/2 pint. Spout 5 inches long.	44	29.00
10. 302 Tononed brass. Capacity % pint. Spout 9 mones rong.	44	29.50
No. 904.—Polished brass. Capacity 1 pint. Spout 9 inches long.	**	32.00
One-half dozen in a box.		



No. 50 .- Mine car. Body of brass tubing and the ferrules, handle and spout of malleable. An extra heavy oiler, very durable and effective. Stands rough usage and prevents waste when oiling the wheel. ... Each \$ 6.00



## **OILERS**

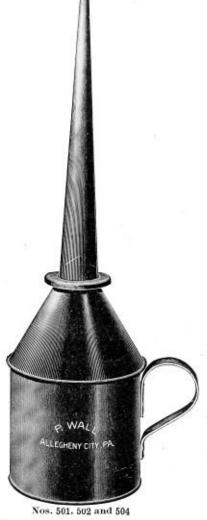
BRAZED STEEL







Nos. 20, 21, 22 and 23



Brazed	steel	nyramid	oilers	Straight	enont
prazed	steer	pyramiu	oners.	Straight	spout.

No. 30.—Capacity 1 No. 31.—Capacity 1 No. 32.—Capacity 2	quart. 10	inch spout	doz.	\$ 9.00 10.00 12.00
No. 20.—Capacity 1 No. 21.—Capacity 1½ No. 22.—Capacity 1	pint. 8 pints. 10 quart. 13	o oilers. Straight or bent spout. Straight shipped unless otherwise ordered inch spout. Per inch spout. Per ginch spout.		\$ 12-00 12-00 13-00 15-00
No. 501.—Capacity 1 No. 502.—Capacity 2	quart. Lo quarts. Lo	oilers. Made of extra heavy steel and with large opening for heavy oils.  ng straight spout		\$ 15.00 18.00 24.00

#### PYRAMID FILLERS



Brazed steel Pyramid Fillers. Heavy steel. put on fire to heat the oil. Capacity, quarts... ½
Per dozen ...... \$ 9.00 10.00

Can be 12.00 14.00 18.00

#### OIL FILLERS



No. 210.—Oil filler. Copperized steel, highly polished. Capacity one quart. Diameter 5 inches. For the use of engineers in filling small oilers. One-half dozen in a box. \$ 20.00 Per dozen ...

"STERUNG BRAND FOR QUALITY STANDS"

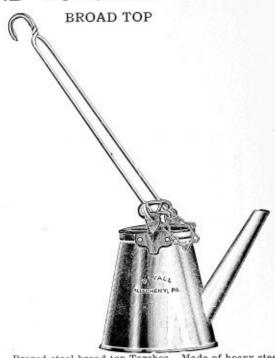


# MILL LAMPS AND TORCHES



Brazed steel Pyramid Torches. Made from heavy steel. Especially adapted for factory use.

Nos	80	81	82	83
Capacity, quarts	1/4	1/2	1	1
Burners	1	1	1	2
Per dozen	\$ 7.00	9.00	10.00	11.00
Nos.,,,,,,	84	85	86	87
Capacity, quarts	2	2	4	4
Burners,	1	2	2	3 or 4
Per dozen	\$ 12.00	13.00	15.00	18.00



Brazed steel broad	top Torch	es. Mad	e of heav	y steel,
and especially useful for	r yard ar	nd shop u	se.	
Nos.,	90	91	92	93
Capacity, quarts	1/2	1	1	2
Burners	1	1	2	1
Per dozen	\$ 9.00	10.00	11.00	12.00
Nos		94	95	96
Capacity, quarts		2	4	4
Burners		2	2	3 or 4
Per dozen		\$ 13.00	15.00	18.00



Nos. 181 and 182



Nos. 198 and 199



No. 110



11001 100 time 100						200	100	
No. 181.—Capacity 1	pint. Bra	azed steel top 1	burner torch.	Pyramid shape	Per	dozen	\$	9.00
No. 182.—Capacity 1	quart. Br	azed steel top	burner torch.	Pyramid shape		44		10.00
				Dome shape top		16		9.00
				Dome shape top		16	1	10.00
				r engineers' torch. Suitable for use on				
tive or by	stationary e	ngineers			Per	dozen		9.00
				1 gallon. One burner extra large size				
		tment and fitti		durable and powerful				30.00



## GREASE BUCKETS AND OIL CARRIERS

GREASE BUCKETS

OIL CARRIERS







Nos. 50, 51, 52 and 53

Solution Nos. 70, 71, 72, 73 and 74

Brazed steel grease buckets. Extra heavy steel for use in rolling mills and all places where heavy grease that requires heating is used.

Nos. 50

50

51

52

53

 convenient for filling small cans, etc

 Nos.
 70
 71
 72
 73
 74

 Capacity, gallons.
 1
 2
 3
 4
 5

 Each.
 \$ 2.00
 2.50
 3.00
 3.50
 4.00

 Brazed steel oil carrier with spout.
 Heavy steel. Furnished with screw top, broad top or wooden stopper.
 State

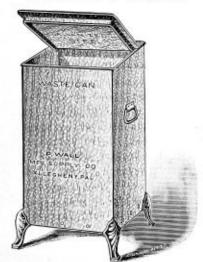
 which style is wanted.
 60
 61
 62
 63
 64

 Nos...
 1
 2
 3
 4
 5

 Capacity, gallons
 1
 2
 3
 4
 5

 Each
 \$ 2.00
 2.50
 3.00
 3.50
 4.00

## WASTE CANS

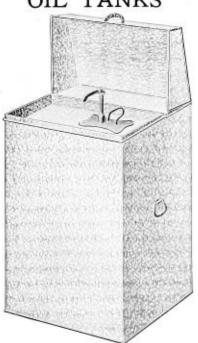


Nos. 410, 411, 412 and 413

Galvanized steel waste can. A thoroughly fire-proof can. Cover has a heavy forged rim and is self-closing. Legs are malleable iron, giving proper floor protection. Waste can be fired in this can without danger. Nicely Japanned, maroon in color.

Nos	410	411	412	413
Length, inches	12	16	16	22
Width, inches	12	16	16	22
Depth, inches	30	30	36	36
Each	\$ 4.50	6.50	8.50	10.50

## OIL TANKS

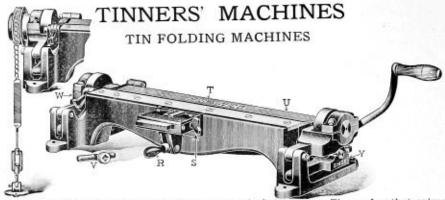


Galvanized steel oil tanks. Made of heavy steel, thoroughly riveted and galvanized. Entire metal pump chamber plunger and valves, being bolted and screwed, can be easily repaired when necessary. All together the tank is manufactured with a view to long service.

tank is manufactured with	m a rien c	O TORE SOLLINGS	
Nos	400	401	402
Capacity, gallons	30	60	120
Fach	9 8.00	12.00	18.00

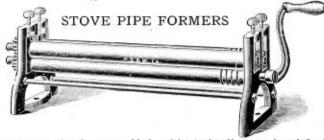
"STERUNG BRAND FOR QUALITY STANDS"





P. S. & W. new bar folders. Will turn locks from ½ to 1 inch in which. The wedge that raises and lowers the wing is operated by a rack and pinion and is easily moved and adjusted. The gauge is adjusted by means of a drop lever in front of the machine; its adjustment is in fractions of inches, indicated by a graduated scale in front and on top. Movement instantaneous and fastened by thumb screw. Adjustment of folding bar for round or open locks is by means of socket wrench. Adapted for ordinary tin, but may be adjusted for material as thick as 22 gauge. Nos. 252½ and 254½ are practically the same as numbers 252 and 254, except fitted with a spring attachment for counter balancing the bar and giving rapid execution. This makes these machines of great value to lithographers and printers for binding or mounting show cards, calenders, etc.

No. 252	-20 inches.	Will turn	locks from 1/8 to	1 inch. V	Weight 100	pounds	Each	
						pounds	44	40.00
						g attachment	44	36-00
						g attachment	64	46.00



Stow's patent stove pipe formers. Made with steel rolls turned and finely finished.

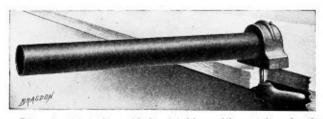
No. 2. —Stove pipe former. 1¾-inch rolls. 30 inches long. Weight 115 pounds. Each \$ 18.00

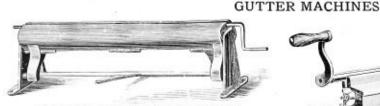
No. 1. —Stove pipe former, 2- inch rolls. 30 inches long. Weight 140 pounds. "19.00

No. 0. —Stove pipe former, 2- inch rolls. 37 inches long. Weight 170 pounds. "24.00

No. 0½-—Stove pipe former, 2- inch rolls. 40 inches long. Weight 180 pounds. "26.00

#### STOVE PIPE MANDRELS





Stow's patent gutter beaders. Steel rod.

No. 0.—30 inches long, ½ to ¾-inch diameter.
Weight 40 pounds. Each
No. 0.—30 inches long, ½ to ¾-inch diameter.
Weight 90 pounds. Each
No. 00.—72 inches long, ¾ or 1-inch diameter.
With two handles. Weight 175 lbs. Each



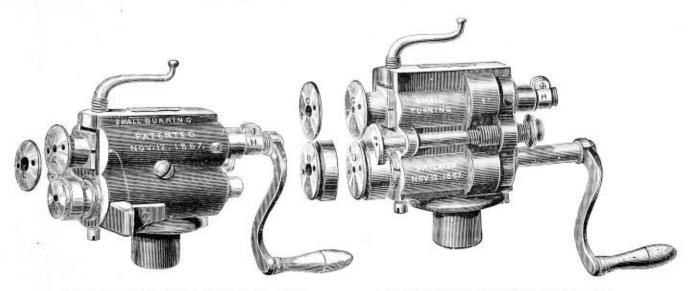
Adjustable gutter beader. Adjustable to rods from 3/8 to 7/8-inch in diameter. Thickness of metal determined by size of rod. Jaws adjusted by a hand wheel with rack and pinion. Price includes but one rod, the diameter of which should always be specified in ordering.



## TINNERS' MACHINES

#### SMALL BURRING MACHINE

#### SMALL TURNING MACHINE



Stow's Encased Small Burring Machine. With adjustable boxes and extra upper face.

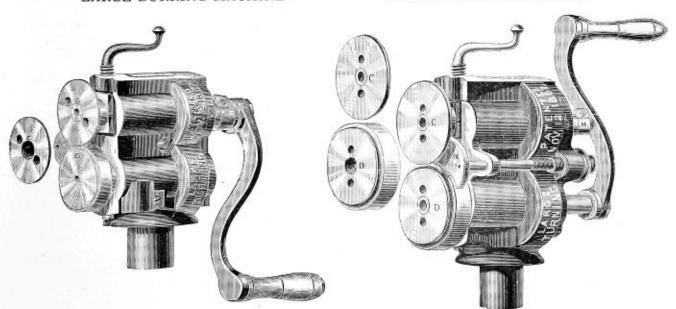
With standard	Each	\$ 10.00
Without standard	**	9-25
Extra upper faces	**	1.00
Extra lower faces, with arbor	44	2.00

Stow's Encased Small Turning Machine. With adjustable boxes and extra upper and lower faces.

With standard,	Each \$	11.25
Without standard	16	10.50
Extra faces	14	1.00

#### LARGE BURRING MACHINE

#### LARGE TURNING MACHINE



Stow's Encased Large Burring Machine. With adjustable boxes and extra upper face.

 With standard
 Each \$ 10.50

 Without standard
 9.75

 Extra upper face
 " 1.00

 Extra lower faces, with arbor
 " 2.00

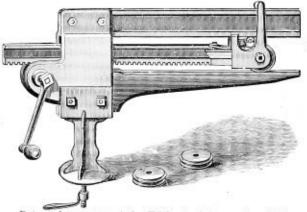
Stow's Encased Large Turning Machine. With adjustable boxes and extra upper and lower faces.

With standard	Each \$	11.50
Without standard	44	10.75
Extra faces	.00	1.00

"STERUNG BRAND FOR QUAUTY STANDS"

## TINNERS' MACHINES

#### GROOVING MACHINES



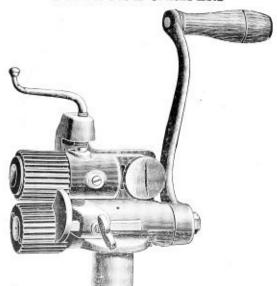
Patent brass mounted. With steel bar and milled May be used on material as heavy as 24 gauge. No. 01.—20 in., with stand. Weight 100 lbs. Each \$ 13.50 No. 02.—17 in., with stand. Weight 75 lbs. " 11.00 Extra stands for either No. 01 or 02. 1.00 Extra rollers ... .75 Spring and friction roll..... .75

#### KENNEDY'S ATTACHMENT



Kennedy's improved patent grooving attachment. Enables workmen to groove and flatten the seam at one operation. The grooving roll is placed in front of the attachment, and the flattening or following roll is the place occupied by the grooving roll. The grooving roll having passed along the lock and grooved it, the flattening roll follows and flattens it. 

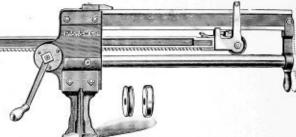
#### STOVE PIPE CRIMPERS



Stove pipe crimpers, Crimps and contracts the edges of stove and conductor pipe so that the lengths are put together easily.

No. 8 .- Spiral erimping rolls and stand ... Each \$ 10.00 No.08 .- Straight crimping rolls and stand ... "

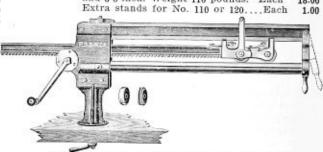
GROOVING MACHINES



Improved patent grooving machine. With flat supporting bar. Operator can observe work during whole process of grooving. Seams can be formed on inside or outside of cylinder, and may be used on all vessels not less than 2 inches in diameter. Adapted to metal not heavier than 22 gauge. 4 rolls are sent with each, 1 each

with groove, as mentioned, and 1 flattening roll.

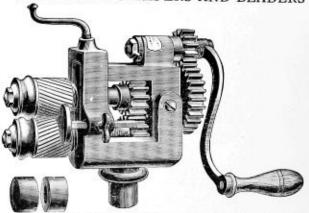
No. 110.—20 inches, with stand. Rolls 1-8, 5-32
and 1-4-inch. Weight 95 pounds. Each \$ 13.50 30 inches, with stand. Rolls 5-32, 1-4 No. 120.and 3-8-inch. Weight 110 pounds. Each 18.00



Improved patent grooving machine, with Kennedy's attachment. With flat supporting bar. With this attachment the workmen is enabled to groove and flatten the seams at one operation. Adapted to iron not thicker than 24 gauge. Same rolls as furnished with Nos. 110 and 120. No. 210.-30 inches, with Kennedy attachment and

stand. Will groove work 20 inches in length. Weight 105 pounds...... Each \$ 20.00 No. 220 .- 40 inches, with Kennedy attachment and

stand. Will groove work 30 inches in length. Weight 130 pounds.....Each Extra stands for No. 210 or 220...Each STOVE PIPE CRIMPERS AND BEADERS



Combined stove pipe crimper and beader. Designed to facilitate the making and putting together of metal pipe of different diameters. Crimps and contracts the edges of stove and conductor pipe, so that the lengths are easily put together. Also provided with beading rolls. No. 7 .- With spiral crimping and beading rolls

and stands. Each \$ 12.00 No. 07.—With straight crimping and beading rolls and stand. 12.00

14.00

STERUNG BRAND FOR QUALITY STANDS"



# TINNERS' MACHINES

HULL'S SQUARING SHEARS

STOW'S SQUARING SHEARS



Hull's squaring shears. Arranged with table, back and front gauges. For squaring, stripping and cutting at any desired angle without necessity of marking the sheets. As regularly put up the front arms are 12 inches in length and back arms 23\%2 inches.

	Weig	ht, lbs.	Each
No. 0Cuts tin 22 inches long		300 \$	35.00
No. 1Cuts tin 25 inches long		325	45.00
No. 2Cuts No. 18 iron 31 inches le		425	50.00
No. 21/2. Cuts No. 18 iron 37 inches le		600	80.00
No. 3. —Cuts No. 16 iron 42 inches le	ong.	900	130.00
No. 4Cuts No. 16 iron 52 inches le	ong.	1200	190.00
No. 5Cuts No. 18 iron 61 inches le	ong.	1430	240.00
Extra Blades for Abo	rve		
Nos 0 1 2 21/2	3	4	5
Per pair \$ 9.00 10.50 12.00 15.0	0 22-00		34.00

ENCASED WIRING MACHINES

# MACCHINE MACCHINE

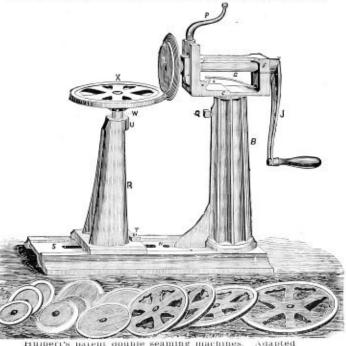
furnished with the arbor or shaft.



Stow's squaring shears. With top and side extension tables and patent quick-acting back gauge. Provided with front gauges and front extension arms which are 30 inches in length and double bolted to the bed.

	120.—Cuts								S	37.00
No.	125 Cuts	No.	20	iron	25	inches	long	44		47.00
No.	130.—Cuts	No.	18	iron	31	inches	long	46		52-00
No.	136 Cuts	No.	18	iron	37	inches	long	46		82.00
	140 Cuts							**	1	34.00

#### HULBERT'S DOUBLE SEAMING MACHINES



Hundert's patent double seaming machines. Adapted to all kinds of flaring and straight work. It deflects the ware after it is soldered. Will double seam vessels 14 in. in depth. Can be used on metal as heavy as 26 gauge. Flaring discs 4½, 7½, 8½ and 11½ in. Straight discs 4½, 5½, 6½, 8½ and 10½ in. Oval disc 5½-in.

Flaring discs 4½, 7½, 8½ and 11½ in. Straight discs 4¼, 5¾, 6½, 8½ and 10¼ in. Oval disc 5½-in.

No. 1.—With deflector. Weight 128 pounds. Each \$ 30.00

No. 2.—Without deflector. " 25.00

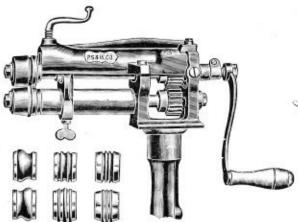
Extra discs for No. 1 or 2 ... " 2.00

Extra base and standard for No. 1 or 2 ... " 8.00

"STERUNG BRAND FOR QUALITY STANDS"

## TINNERS' MACHINES PORTABLE LEVER PUNCH

STOW'S PATENT BEADING MACHINES



patent beading machines. With adjustable boxes.

No. 5 .- 4 inches. For tin. 5 pairs rollers and rotary stand. Beads as follows: Astragal, 7-16-inch; Ogee, 7-16-inch; Triple coffee pot, 3-8-inch; single and double bead, each 1/6-inch.

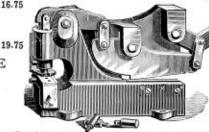
Weight 37 pounds. Each \$ 16.75

No. 4.—6 inches. 4 pairs rollers and rotary stand.

Beads as follows: Ogee, ¾-inch; Triple, %inch; Triple coffee pot, ½-inch; Single 3-16inch. Weight 50 pounds..... Each

Improved lever punch, portable. Toggle movement is powerful and works easily and rapidly. Made to combine light weight with strength. The gauges, both back and side, are easily adjusted. Depth of throat 1½ inches. 3 dies and 3 punches furnished with each machine. The punches are 1-8, 3-16 and 1-4-inch and may be used on material as heavy as number 20 gauge. .......Each \$ 8.00 No. 10.—Portable punch ......

COMBINED SHEAR AND PUNCH

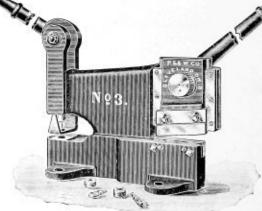


Combined shear and punch. Suitable for both cutting and punching. May be used for cutting 1/8-in. iron and 3/4 and 1/4-in. narrow bars.

No. 1.—4½-inch cut. Will punch the center of a circle 5½ inches in diameter. Includes 1 punch each 1-8, 3-16, 1-4 and ½-in. Will punch ½-in. iron. Weight 100 lbs..., Each \$ 20.00 No. 2.—5½-inch cut. Will punch the center of a circle 5½ in. in diameter. Includes 1 punch, each ½, ½, ½, ½ in. in diameter. Includes 1 punch, each ½, ½, ½, ½ and ¾-in. Will punch ½-in. iron. Weight 120 lbs. Each \$ 25.00

Extra punches for Nos. 1 or 2..... Each Extra dies for No. 1 or 2..... 1.25

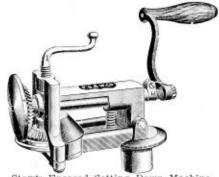




Extra heavy combined shear and punch. bar iron 1/4x11/2, 3/xx3/4 or 1/2-inch square. Will punch center of circle 10 in. in diameter. Will cut No. 8 sheet iron lengthwise or crosswise. Two levers.

Extra dies, 1-4, 5-16 or 3-8-inch..... 1.50

#### STOW'S SETTING DOWN MACHINE



Stow's Encased Setting Down Machine. With standard ..... Each \$ 9.75 Without standard ..... 9.00

#### SHEET IRON FOLDING MACHINES

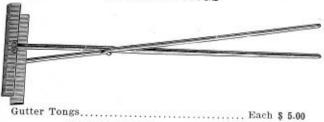


Wright's patent sheet iron folders. Will turn locks 3-16 and 5-16 inches. May be used on material as thick as number 22 gauge.

Weight 80 pounds .... , Each \$ 12.00 No. 1.—32 inches. No. 0.—42 inches. Weight 125 pounds. "
No. 00.—62 inches. Weight 155 pounds. " 50.00

# TINNERS' TOOLS

#### GUTTER TONGS



CLAMP ROOFING TONGS



Clamping Roofing Tongs. Used on the roof for drawing together the two layers of tin before cleating.

#### COMMON ROOFING TONGS



Common Roofing Tongs. Steel. Sizes ½, ¾, 1. 1¼, 1½ or 1¾ inches. . . . . Each (specify size wanted) \$ 3.00

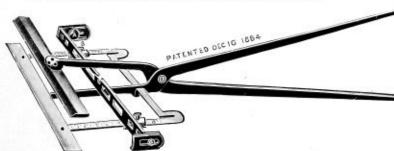
## ROOFING DOUBLE SEAMER



Burritt's Patent Roofing Double Seamer. For standing lock. The treadle closes down the edge. Will double seam hips and ridges with perfect ease. Can be used by either hand or foot power. Common gauge adapted to lx11/4-inch tongs; wide gauge adapted to 11/4x11/2-inch

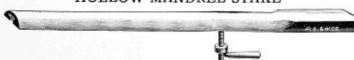
Per set of two pairs......\$ 30.00

## REESE'S ADJUSTABLE ROOFING TONGS



Reese's patent roofing tongs. With adjustable and removable gauge. Will turn any edge from  $\frac{1}{2}$  to 10 inches by simply adjusting the thumb screw and sliding the gauge to the desired position. Adapted to edging and bending all kinds of ordinary sheet metal. Simple in construction, strong, light and durable and can be used on material as thick as 22 gauge. No. 0.—Reese's adjustable roofing tongs ..................Each \$ 6.50

#### HOLLOW MANDREL STAKE



No. 11 .- Hellow Mandrel. Entire length 3 feet, 4 inches; flat part 9 inches long and 6 inches wide; oval part, 31 inches long. Weight 45 pounds...... No. 12.—Hollow Mandrel. Entire length 3 feet, 6 inches; flat

part 9½ inches wide; radius of circle 12 inches; oval part 32 inches long. Weight 190 pounds ...... Each

#### ROOFING DOUBLE SEAMER



No. 175 .- Roofing Double Seamer. To match roofing tongs. Per set of two...... \$ 1.75

#### IMPROVED WOOD ROOFING FOLDER



No. 113 .- Roofing folder. Improved. 20 inches, wood. With gauge ..... Each \$ 3.50

No. 123.—Roofing folder, Improved. 30 inches, wood. With gauge ..... Each

"STERUNG BRAND FOR QUALITY STANDS"



P. S. & W. Co. guaranteed trac Nos. Length, inches Cut, inches	06½ 17 4½	brand. 6½ 15¾ 4¼ 3.00	14½ 4	8 13½ 3½ 2.00	ay iron, 9 12 3 1.50	10 11 21/2 1.40	11 10½ 2¼ 1.20	12 10 2 1.00	13 8½ 1¾ 1¾ .90
2000	0 1.00		One in a bo	X.	-		\		



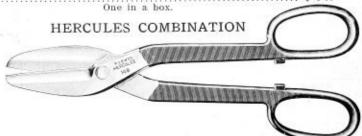
Samson brand. Forged	from best	material.	Steel la	id. Superi	or style a	nd finish.		
Nos	4.0	47	48	49	50	51	52	53
Length, inches		141/2	14	123/4	11	101/2	10	81/2
Cut, inches		4	31/2	3	21/2	21/4	2	13/4
Each		2.50	2.00	1.50	1.40	1.20	1.00	.90
		in a how						



P. S. & W. Co. guaranteed trade mark		Circular C7	(curved) C8	blade. Fo	orged from C10	best Norway	iron, C12	C13
Length, inches		141/4	131/2	12	11	101/2	10	81/2
Cut, inches		4	31/2	3	21/2	21/4	2	13/4
Each	\$ 4.00	3.50	3.00	2.50	2.25	2.05	1.85	1.75
	0.77	One in a	hov		_			



Lyon combination. For cutting scrolls and circles. Blades rounding and very	ana. ir	pointed. Fully	warran	ted.
Nos.	165		180	190
Length, inches	151/2		13	121/2
Cut, inches	4	31/2	3	21/2
Each	\$ 3.00	2.50	2.00	1.50



Hercules combination.	For cutting scrolls and circles.	Forged	from	best mater	rial, steel	laid.	
Nos			146	147	148	149	150
Length, inches			15%	145/9	13%	12%	11%
Cut, inches			41/2	4	31/2	3	21/2
Each		S	3.00	2.50	2.00	1.50	1.40



## TINNERS' SNIPS SEARIGHT'S COMPOUND LEVER





No. S8.—Length 8 inches. Cut 11/4 inches. Handy for all kinds of small work ...... Each \$ 1.50



 No. S12.—Length 12 inches. Cut 3 inches... Each \$ 3.00 No. S14.—Length 14 inches. Cut 3½ inches... " 3.50

One in a package.

Searight's Compound Snips are made of solid crucible steel of finest grade. Cut with ease the full length of the blades. Back part of inside blade cut away so as to allow for cutting inside or outside curves.



No. 2½.—Length 11 inches. Cut 2½ inches. Polished face. Hardened cutting edge. Adjustable bolts...Per doz. \$ 4.00 One-half dozen in a box



#### COMBINED SNIP AND CRIMPER





No. 2B.—Length 13 inches. The blade is pointed and readily inserted in the metal at the point desired to begin the cutting. The crimping attachment is designed for crimping any kind of sheet metal pipe, round or square

One in a package.

Solution:

#### BENCH



 No. B2.—Length 34 inches.
 Cut 8% inches.
 Will cut No. 18 iron
 Each \$.10.50

 No. B3.—Length 31 inches.
 Cut 8% inches.
 Will cut No. 19 iron
 9.00

 No. B4.—Length 30 inches.
 Cut 8 inches.
 Will cut No. 20 iron
 " 7.50

 One in a package.
 " 7.50

"STERUNG BRAND FOR QUALITY STANDS"

# TINNERS' TOOLS

#### RIVETING HAMMERS



P. S. & W. brand. Bright. Handled.

No. 011/2-inch.	Weight	21/2 pounds. For heavy work, Each	\$ 1.30
No. 1 11/2-inch.	Weight	11/2 pounds. For sheet iron "	-82
No. 2 1- inch.	Weight	18 oz. For tin "	.70
No. 3 %-inch.	Weight	14 oz. For tin "	.57
No. 4 3/,-inch.	Weight	10 oz. For tin "	.45
No. 5 %-inch.	Weight	6 oz. For tin "	.40

#### SETTING HAMMERS



P. S. & W. brand. Bright. Handled.

No. 111/2-inch.	Weight	14/4	pounds	Each	\$ .32
No. 2 1- inch.	Weight	18	oz,,,,,,,,	44	.70
			02,	**	.57
			oz		.45
			0Z,,	46	.40

#### TINNERS' RIVET SETS



P. S. & W. brand. Tinners cast steel, gun metal fin-

isn.		
No. 4	-For iron rivets 21/2 and 3 fbs.; and copper	
STATE OF STREET	rivets number 9	00
No. 3	-For iron rivets 4 and 5 lb.; and copper	
	rivets number 8 Per dozen 6.0	nn.

One-half dozen in a box.

#### HOLLOW PUNCHES



Hollow punches forged steel. All sizes from 1/4 to 11/2 inches round, inclusive..... Per inch \$ 1.00

#### HAND PUNCHES



Hollow punches. Wrought shank. All sizes from 13/4 to 3 inches round, in-

#### HAND GROOVERS



P. S. & W. brand hand grooving tools. Forced steel

		L OI	Sed at	CCa.			
Nos Grooves, ins. Each	\$	4-0 % 1.25	3-0 1-25	2-0 1/2 .75	0 14 .75	1 1 63	2 3/8 -63
Nos Groove, ins. Each	s	3 18 -50	4 1/4 .50	5 18 -37	6 32 .37	7 1/8 -25	8 18 -25

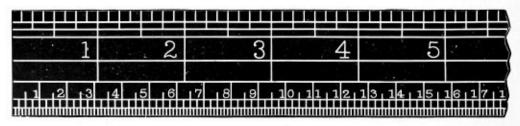
#### FARMERS' RIVET SETS



Farmers' rivet sets. Cast steel, plain. Designed especially for setting copper rivets.

No.	7For numbe	r 7 copper rivets	Per dozen	\$ 3.0	0
No.	8For numbe	r 8 copper rivets	"	3.0	00
No.	9For numbe	g copper rivets	"	3.0	00
No.	10 For numbe	r 10 copper rivets	46	3.0	00
-	One	-half dozen in a bo	X.		

#### TINNERS' STEEL RULE



No. 101.—Tinners' polished steel rule. Length 36 inches, width 1½ inches. A valuable article for the practical tinner. The upper line is the ordinary rule graduated by eighths of an inch. The lower line shows at a glance the exact circumference of any cylinder by simply ascertaining the diameter, i. e., a vessel 5 inches in ..... Each \$ 3.50



## TINNERS' TOOLS

### SOLDERING COPPERS



Soldering Coppers. Sharp pointed. Without wood handles.

Weight per pair:		
1 pound	pound \$	-80
1½ pounds	44	.70
2 pounds	**	-66
21/2 pounds	44	-64
3, 4, 5 and 6 pounds	64	-60

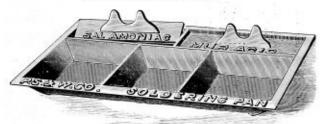
#### MELTING LADLES



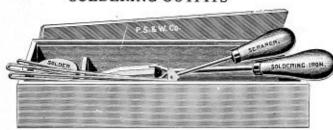
Plumbers' or melting ladles. Cast bowl. Wrought handle.

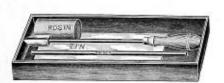
Nos	1	2	4	6	7
Bowl, inches	$2\frac{1}{2}$	3	4	5	6
Per dozen	\$ 3.00	3.50	5.50	9.00	11.00

### SOLDERING PANS

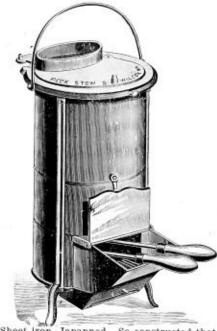


### SOLDERING OUTFITS





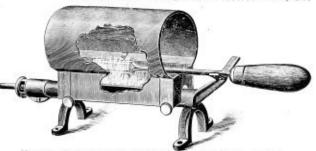




No. 2.—Sheet iron, Japanned. So constructed that the ashes fall into a pan beneath the coal —the fire being kept clear...........Each \$ 3.25

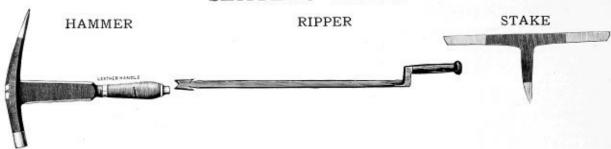


No. 01.—Cast iron, brick lined. Draft door in two sections which economizes fuel. Lined with fire brick. Weight 32 lbs...... Each \$ 4.00



No. 3.—Improved gas furnace. Cast base, sheet iron top. Light in weight and consumes but little gas. With mixer. Weight 5 lbs.......Each \$ 2.00

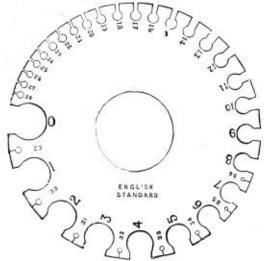
## SLATERS' TOOLS



No. 300.—Slaters' hamm	er. Cast steel. Leather handle. Perfectly balanced	\$ 4.50
No. 200 Slaters' ripper	. Forged iron and steel. Length 31 inches over all	3.00
No. 50.—Slaters' stake.	Forged iron and steel. Length 18 inches	1.00
No. 550.—Slaters' tools.	Set containing one each hammer, ripper and stake above described	8.25



### WIRE GAUGES



#### ROSIN



Yankee Rosin. In sticks containing about 6 ounces. A superior article for tinners' use, being much more convenient than regular lump rosin. Put up in packages containing 10 sticks. In cases containing 8 packages, or about 30 pounds.

Per pound. \$ .12

 Lump Rosin, G grade.
 A superior red rosin free from dirt. Put up specially for tinners' use.

 30 pound boxes.
 Per pound \$ .10

 50 pound boxes.
 " .09

 Barrels, 250 or 300 pounds.
 " .07

### GAS FITTERS' CEMENT

### SCREW PITCH GAUGES



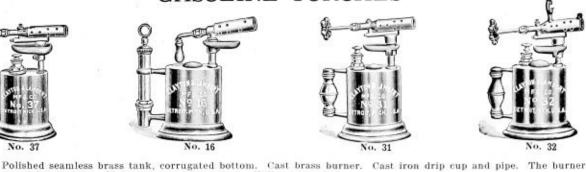
No. 20.—Screw Pitch Gauge. 22 pitches, including pipe thread pitches. Will measure the threads of nuts as well as of screws, and contains the pitches 9, 10, 11, 11½, 12, 13, 14, 15, 16, 18 and 20 on one end, and 22, 24, 26, 27, 28, 30, 32, 34, 36, 38 and 40 on the other end. Hinged at both ends... Each \$ 1.50

## GASOLINE TORCHES





is a powerful generator. Improved automatic pump. Fully guaranteed,

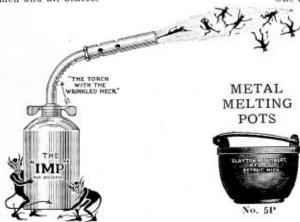




No. 37.—Capacity 1 pint. Automatic pump Same as No 37 with soldering copper hook and support..... No. 38.—Capacity 1 pint. 7.00 No. 16.—Capacity 1 quart. Pump in handle .. 7.00 No. 17.—Capacity 1 quart.
No. 31.—Capacity 1 quart.
Automatic pump.

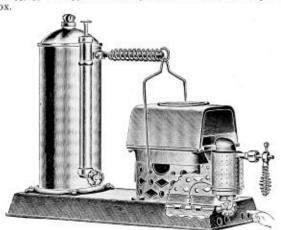
Automatic pump. With soldering hook and support. No. 17 .- Capacity 1 quart. Same as No. 16 with soldering copper hook and support..... 7.507.50 8.00

The soldering copper hook and support feature on numbers 38, 17 and 32 will readily commend itself to repairmen and all others. One in a box.



Imp.—All brass nickel-plated. A small torch without pump or valve—entirely automatic and burns 2 hours with one filling. For hand or bench work. Will heat or solder anything. Each \$ 2.00 One in a box

No. 5P .- Metal melting pot. 5 inches. D pattern. Holds sufficient metal and fits any make of gasoline furnaces......Each



Lundy .- Double blast gasoline furnace. Capacity 1 gallon. Galvanized steel tank, aluminum finished. Brass pump. Japanned iron base. Forces hot blasts from the outside to the center. Gasoline may be fed from the tank to the generating 

One in a box.

## FIRE POTS

.70









No. 5 No. 10.—Capacity 1 gallon. Tank of galvanized iron. Coil of extra heavy pipe and burner of steel......Each
No. 20.—Capacity 1 gallon. Tank of galvanized iron. With automatic brass air pump and producing a blue blast 7.508.00 flame intensely hot. Capacity 5 pints. Tank of galvanized iron. Brass pump. Top section sufficiently large to handle cop-No. 9.00 pers and metal pot at same time ... Each Capacity 7 pints. Tank of galvanized iron. Brass pump. Best general utility fire-pot made. For tin-12.00 ners, plumbers, electricians, etc ..... One in a box.

## CONDUCTOR PIPE, ELBOWS, ETC. CONDUCTOR PIPE

			CONDO	CIOKF	TIS			
			-					100 100 100 100
		Galvanized ste		2	hout cross ses	nm. In 10 foot 4 -20	lengths. 5 -25	6 -30
	est personal p	No. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10	NAMES OF STREET			W. D. FEET, G. W. C. L. F. F.		)
Size, inches Per foot 250 feet of	Plain rour	d galvanized ste	el. Made in or	ne piece wit	hout cross sea	m. In 10-foot 1	lengths.	6 .30
			ELBOWS					
			W.	É				
Size, inches Elbows, each		No. 2 vanized conduct	or pipe elbows.	One piece		o. 4 Perfectly smo 4 .60 .75	Sho oth inside. 5 1.25 1.50	e 6 1.50 1.80
No. 1			Vo	5				
Elbows, each Shoes, each		vanized conduct les of elbows ar In orderin	or pipe elbows	One piece 2 \$ .2536 No.1. 45°: N	, flat crimps. 3 .30 .45	Perfectly smo  4  -60  -75  3, 75°; No. 4, 9	oth inside. 5 1.25	6 1.50 1.80
			CONDUCTO					<b>A</b>







20.00

24-00

Corrugated
Corrugated galvanized Wheeling cut-off. Length of inlet, 2 inches. Length of outlet, shortest side, 1% inches.

2 3 4 5 20.00 24.00 Per dozen. \$ 1.50 2.00 3.00 3.50 Round galvanized Wheeling cut-off. Length of inlet, 2 inches. Length of outlet, shortest side, 1% inches. 2 3 4 5 6 4.00 Round galvanized watering 2
Size, inches. 2
\$ 7.00 

STERUNG BRAND FOR QUALITY STANDS"



## EAVES TROUGH, RIDGE ROLLS, ETC. CORNER MITRES

EAVES TROUGH

and the second s	-	خالخالا	-	Series.	-	delenan	-	230
and the second second		200		Marie !	4	200	414	1
Galvanized single	bead	lap jo	int.	10-fo	ot ler	igths.	_	
Size, inches	3	31/2	4	41/2	5	6	7	8
Bead, inches	1/2	1/2	1/2	1/2	1/2	1/2	5/8	5/8
Girt, inches	6	7	8	9	10	12	14	16
Per foot \$	.13	.14	.16	.18	-19	.23	.27	.30

THE RESERVE	10 TO 10 TO 10 TO	इन्द्र क्रिक्ट कर प	PP TANKS	STATE OF THE	
W. 1. C. W. 10	NO CAR	500	Constant.	The same	303
6 100 KN	A CONTRACT	4.00	399768	1000	
				-foot lengths	

Galvanized single	b	ead	slip jo	int.	10-100	t len	gths.		
Size, inches		3	31/2	4	41/2	5	6	7	8
Bead, inches		1/2	1/2	1/2	1/2	1/2	1/2	5/8	3/8
Girt, inches		6	7	8	9	10	12	14	16
Per foot	\$	.14	.15	.17	.19	.20	-24	.28	.31



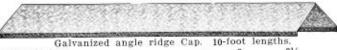
Galvanized double	bead.	Lap	joint.	10-1	oot le	ngths	5	
Size, inches	3	31/2	4	41/2	5	6	7	8
Bead, inches	1/2	1/2	1/2	1/2	1/2	1/2	5/8	5/8
Girt, inches	8	9	10	11	12	14	16	18
Per foot	\$ -16	-17	.19	.21	-22	-26	.30	.33
A. A.	N 0281	1333	174			10,000		-

William First Street Street Street Street	AAFAPA	-	C. Carrier	THE REAL PROPERTY.	LICER	Market Land	1	T.
Explicit Alternation Land	E Section	240	A 100	2167	do	1000	4	F.
Section of the Control of the Contro	32 (1997)	200	100	100	6.00	200		1
Galvanized double	bead.	Slip	joint.	10-f	oot le	engths.		
Size, inches	3	31/2	4	41/2	5	6	7	
Bead, inches	1/2	1/0	1/2	1/2	1/2	1/2	3/8	
Girt, inches	R	9	10	11	12	14	16	1

Per foot RIDGE ROLL

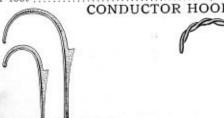


Galvanized Ridge Roll.	10-fc	ot ler	igths.			
Roll, inches	1	11/4	11/2	2	21/2	3
Girt, inches	6	7	8	10	12	.15
Per foot \$	-13	.14	.16	.19	-23	.28
ANGLEC						

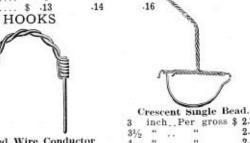


Apron, inches..... Girt, inches..... .14 Per foot ...... CONDUCTOR HOOKS

3



S	ick	le	(	H	01	n	d	uc	tor I	looks.
									Per	100
Si	ze							W	food	Brick
:2-	incl	n.						.S	1.50	\$ 1.75
3	46								2.50	2.75
4	46								3.50	4.25
5	46								4.50	6.00
.6	44								5.50	7.50



3 inch. Per gross \$ 2.75
31/2 " " 2.75
4 " . " 2.75
41/2 " " 3.00
5 " " 3.00
6 " " 3.50
7 " " .4.00

Galvanized Inner Corner Mitres. Single Bead

S	ize	Lap	Slip
	inchPer doz	en \$ 2.25	\$ 2.75
31/2	inch	2.50	3.00
	inch"	2.75	3.25
5	inch	3.00	3.50
6	inch "	3.50	4.00
7	inch "	4.25	4.75
8	inch	5.00	5.50
	Double Bead, 8 .50 per o	dozen high	er



Galvanized Outer Corner Mitres.

ti.	Sin	igle !	Bead		
S	Size	1		Lap	Slip
3	inch			\$ 2.25	\$ 2.75
31/2				2.50	3.00
4	inch			2.75	3.25
5	inch	**		3.00	3.50
6	inch			3.50	4.00
7	inch			4.25	4.75
8	inch			5.00	5.50
	Double Bead. \$	.50	per dos	en highe	ja ja

### END PIECES WITH OUTLETS



End Pieces with outlets. No end. 19 inches long

							T																	
31	'a-inch.																			Per	٢	dozen	\$	2.80
4	inch.																					i c		3.10
5	inch.							2									í.			200		4		3.45
6	inch.																				*			4.15
7	inch.																					16		4.70
8	inch.																				٠	4		5.25
	In orde																						eci	fy
		W	h	ie	et	h	e	г	1	ri	is	ţ1	11	t	0	)1	1	e	f	h	a	nd.		

TROUGH HANGERS

4.50



31/2	**		**	3.00
4	64		46	3.00
41/2	- 64		4.6	3.25
5	46		**	3.25
6	46		44	3.75
7	46	33	64	.4.25
8	46	213	64	4.75

"STERUNG BRAND FOR QUALITY STANDS"

Not carried in stock. Shipped from factory direct in full crate lots only.

6.00



## SHEET STEEL AND IRON











Black and Even Color

Galvanized

Wood's Refined

Wellsville Polished Wood's Patent Planished

Black Sheets. One pass cold rolled and box annealed. Rolled from Bessemer steel. Lengths 72, 84, 96, 101 and 120 inches. Widths 24, 26, 28, 30, 32, 34 and 36 inches.

27 gauge and heavier furnished in widths 24 to 36 at regular price. 28 gauge and lighter, in widths 24 to 30 regular price; widths 32, 34, 36 at advance of 10c per 100 pounds.

Even Color. One pass cold rolled and box annealed. Rolled from Bessemer steel. Selected sheets uniform in

color. Lengths 72, 84, 96, 101 and 120 inches. Widths 24, 26, 28, 30, 32, 34 and 36 inches.

...... 14 16 18 Gauges 20 22 24 

27 gauge and heavier furnished in widths 24 to 36 at regular price. 28 gauge and lighter, in widths 24 to 30 regular price; widths 32, 34, 36 at advance of 10c per 100 pounds.

Galvanized. One pass soft box annealed and cold rolled. Well coated, soft, clean, roller leveled and true to gauge. Lengths 72, 84, 96 and 120 inches. Widths 24, 26, 28, 30, 32, 34 and 36 inches.

Gauges...... 10 12 14 16 18 20 22 25 26 27 28 24 

27 gauge and heavier furnished in widths 24 to 36 at regular price. 28 gauge and lighter, in widths 24 to 30 regular price; widths 32, 34, 36 at advance of 10c per 100 pounds.

Wood's Refined. Smooth clean surface, uniform dark color, a superior product for stove pipe, elbows, etc. Lengths 84, 96 and 101 inches. Widths 24, 26, 28 and 30 inches.

Per 100 pounds..... In bundles of about 150 pounds.

Wellsville Polished. Dark blue polished steel, adapted especially for high grade stoves, stove pipe, etc. Lengths 60, 72, 84, 96 and 101 inches. Widths 24, 26, 28 and 30 inches.

22 24 25 20 26 27 28 Per 100 pounds..... . . . . . .... .... .... ....

In bundles of about 150 lbs. or in packs of about 300 lbs.

Wood's Patent Planished Iron. Genuine charcoal hammered bloom iron, having a beautiful dark blue, mottled, glossy surface. Practically impervious to oxidation. Adapted especially for high grade stoves, radiators, summer fronts and also for metal ornaments.

Lengths 48, 56, 60, 72 and 84 inches. Widths 28 and 30 inches.

Gauges ..... 19 20 A Grade, per pound .....

B Grade, 24, 25, 26, 27, or 28 Gauge in sheets 28 inches wide and from 56 to 60 inches in length (this being an incidental product is sold subject to accumulation and only to be had in above gauges and sizes) ..... per 1b \$ .... In packs of about 250 pounds.

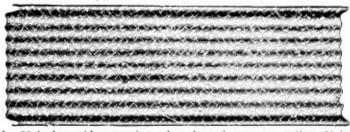
We give above the regulation stock lengths and widths, which are always considered base. Sheets differing in any respect from those listed will be treated as special and subject to special prices.

Not carried in stock. Shipped from mill direct.



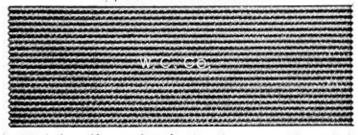
## SHEET STEEL ROOFING

21/2 INCH CORRUGATED



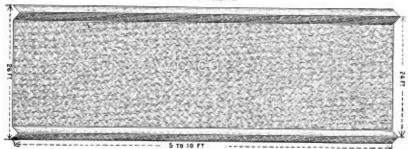
21/2 inch corrugated. 26 inches	wide,	covering	when lap	ped one	e corrugatio	n, 24 inc	hes. She	ets 5, 6,	7, 8, 9
or 10 feet long. May be applied direc	t to	framing v	vithout the	use of	sheathing.	100 squa	re feet e	qual one :	square,
no allowance for laps.									
U. S. Gauge	29	28	27	26	24	22	20	18	16
Painted Red, per square		22.22	10.000						111111
Galvanized					1111				

## 11/4 INCH CORRUGATED



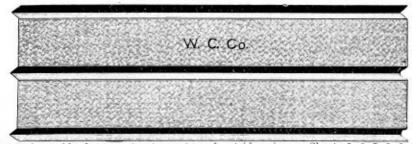
1¼ inch corrugated. 25¼ inches wide, covering when lapped one corrugation, 24 inches. Sheets 5, 6, 7, 8, 9, or 10 feet long. 100 square feet equal one square, no allowance for laps. 29 U. S. Gauge ..... 24 22 Painted Red, per square .....

### V CRIMP



V Crimp. 24 inches wide from center to center of crimps. Sheets 5, 6, 7, 8, 9 or 10 feet long. May be applied direct to framing, or on sheathing, or over old shingle roof. The sheets are lapped over a three cornered stick, the nail being driven through the edges of both sheets, through the stick into the framing. 50 lineal feet of these sticks shipped with each square. 100 square feet equal one square, allowance for side laps included. 28 27 26 24 U. S. Gauge Painted, Red, per square ..... Galvanized, per square ......

### THREE V CRIMP



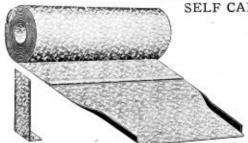
3V Crimp. 25 inches wide from center to center of outside crimps. Sheets 5, 6, 7, 8, 9 or 10 feet long. The center crimp stiffens the sheet and prevents rattling. May be applied direct to framing, or on sheathing, or over old shingle roof. 50 lineal feet of wood sticks shipped with each square. Additional sticks for center crimp at extra 100 square feet equal one square, allowance for side laps included. charge. 24 28 26

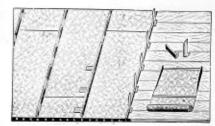
Painted, Red, per square .....

Not carried in stock; shipped from mill direct.

## STEEL ROOFING

SELF CAPPING ROLL

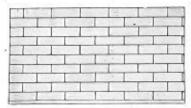




Galvanized, per square .

## SHEET STEEL SIDING

PRESSED BRICK



Steel pressed brick siding. Sheets 28x60 inches. Size of pattern 25/8x81/2 inches. 8 6-10 sheets to the square. Should be applied over solid sheathing.

U. S. Gauge	29	28	27	26
Painted Red, per square				
Galvanized, per square				0.000

### ROCK FACE BRICK

Section 18 and 18 and 18	CANADA CONTRACTOR STRAIGHT BANK
AND DESCRIPTION OF	ALL BOOK STORY
Same Street Links	Land Barry Bless by
A REAL PROPERTY AND	AND REAL PROPERTY.
Indiana lane	Marie Marie Mine he
Same Same La	at the bear bear bear
A. Land Steen	Acres to the last the
BARLL BARLAN	AL ROSE LAND BEAUTIFUL TO THE PARTY OF THE P
La Marie Broken	State bids beautiful
Share Steel Br	ALL AND LAND AND ADDRESS OF THE PARTY OF THE

Steel rock face frick siding. Sheets 28x60 inches. Size of pattern 2%x8½ inches. 8 6-10 sheets to the square. Should be applied over solid sheathing.

U. S. Gauge	29	28	27	26
Painted Red, per square				
Galvanized, per square				

#### STONE



Steel stone siding. Sheets 28x60 inches. Size of pattern 7x12 inches. 8 6-10 sheets to the square. Should be applied over solid sheathing.

U. S. Gauge	29	28	27	26
Painted Red, per square				
Galvanized, per square				
Shinned from mill direct				

## EDNA TIN ROOFING



Edna tin roofing. Made of long sheets locked and soldered by hand. Strips perfectly straight and seams carefully soldered. Painted on the under side. Packed in sheet iron casks containing 200 sq. ft. and measuring 7½ to 9 inches in diameter. Designed for roofing, valleys and gutters. Furnished in widths 14, 20 or 28 inches. The coatings mentioned are based on 112 sheets 20x28.

Weight IC - 8 lbs. coating Per cask Edna, Extra. -25 lbs. Edna Old Style .- 40 lbs.

## VALLEY & TIN ROOFING



Tin valley in rolls. Sheets accurately sheared, locked together and soldered by hand. Soldered one side and painted on both sides. Rolls are 10, 14, 20 or 28 inches wide and contain 50 or 100 lineal feet as ordered.

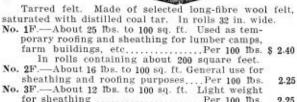
Tin gutter in rolls. Soldered on both sides and painted one side. Rolls are 10, 14, 20 or 28 inches wide

and contain 50 or 100 lineal feet as ordered.

Not carried in stock. Shipped from mill direct.

## ROOFING MATERIALS SLATERS FELT





2.25

COATING



Roof coating	g. F	or use	with	all	roofing	papers.	
Nos	- 1	2	3	5	10	25	50
Gals	1	2	3	5	10	25	50
Per gal \$	.45	-39	.39	-33	.33	.24	.21

TIN CAPS

### SIMPLEX NAILS

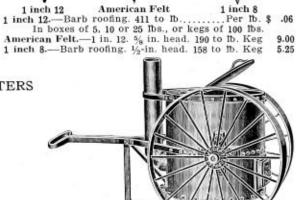




Nos. 1 and 13%

No. 13%.—13%-in. Simplex. 1-in. head. 108 to 1b. Keg 10.00

TAR MELTERS



Steel plates with boiler head riveted into center of shell. Light and easily handled. Nos. ..... 40 60 100 150

Gallons 40
Each \$75.00 1
shipped from factory direct. 60 100 150 100.00 125.00 150.00

Slaters' felt. Made of selected long-fibre wool felt. Used extensively under slate, tile, shingles, etc. In rolls 36 inches wide containing 500 square feet.

Per roll \$1.05 ROOFING PITCH COAL TAR



No. 570 No. 340 No. 570 No. 570 No. 340

No. 570.—Refined coal tar. Entire product of pure coal tar from which only the water has been taken off in distillation. In barrels containing 50 gallons. Weight about 570 lbs......Per bbl. \$7.50

No. 340.—Roofing pitch. The solid residuum resulting from direct distillation of coal tar.

Comes in solid form requiring heating or melting. About 340 lbs. in barrel ...... Per 100 lbs.

BARBED NAILS



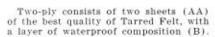
100 pounds in a keg.

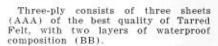
No. 65.—Shell of 1/4 inch steel plate. Wheels 4 feet in diameter with 3 inch tires. Cast iron kettle. Hinged steel cover and cast iron grates and linings. Capacity Each \$ 125.00 65 gallons ... Tar melters not carried in stock;

## STERLING PREPARED ROOFING







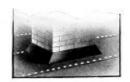


Sterling prepared roofing. Composed of two or three sheets of tarred wool felt of long fibre, between each sheet a layer of water proof insoluble cement being forced. Should be laid on the same way as the roof boards run. Can be applied over old shingles, tin or sheet iron roofs without removing the old roof. Rolls contain 108 square feet, or sufficient to cover one square (allowing for lap). Rolls 32 inches wide.

No. 2.—2 ply. Weight about 40 pounds Per roll \$ .90

No. 3.—3 ply. Weight about 60 pounds 1.26

## BLACK DIAMOND PREPARED ROOFING



Showing in Use Around Chimneys





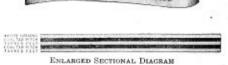
Showing in Use in Gutters.

Black Diamond prepared roofing. Heavy, standard weight only. High grade. In rolls containing 108 square feet or sufficient to cover one square allowing for the necessary 2-inch lap. Rolls 32 inches wide. No. 2B.—3 ply. Weight about 50 pounds Per roll \$ 1.08
No. 3B.—3 ply. Weight about 70 pounds 1.44

# AMATITE MINERAL SURFACE ROOFING









Amatite roofing. Consists of two sheets of long fibre wool felt thoroughly waterproofed and solidly cemented together with specially-run coal tar pitch. Finished with a heavy wear-and-weather-resisting surface of coal tar pitch into which is tightly embedded a uniform and even layer of Amatite (crushed stone). This mineral surface insures durability, makes painting unnecessary and presents an attractive appearance. Also is fire-retardant; will not take fire from sparks or embers falling on the mineral surface. Not affected by acid fumes, vapors or gases and will not taint rain water so often saved for various purposes—a feature commending it to the owner of farm buildings. Easily applied—can be laid over shingles or used for siding, etc. Rolls contain about 110 square feet or sufficient to cover one square allowing for lan. Rolls 29 inches wide. sufficient to cover one square allowing for lap. Rolls 32 inches wide. No. 150.—Amatite. Weight about 100 pounds

EVERLASTIC

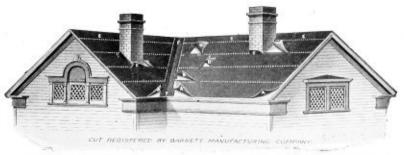
221



## AMAZON AND EVERLASTIC ROOFING

### AMAZON





Amazon roofing. Strong, long fibre all wool felt, thoroughly and uniformly saturated with a non-volatile bituminous compound making a tough but pliable fabric. Absolutely impervious to all elements, being heavily coated on both sides. Has the appearance of rubber and is as thoroughly waterproof but made of roofing materials only. Not affected by heat or cold and remains flexible and pliable under all conditions. In rolls containing 108 square feet, (36 inches wide). Covers one square allowing for lap. Cement, combination nails and caps and full directions in center of each roll.

Everlastic roofing. All wool felt, thoroughly and uniformly saturated. Has the appearance of rubber and feels like it but made of roofing materials only. In rolls containing 108 square feet or sufficient to cover one square allowing for lap. Rolls 32 inches wide. Complete with nails, caps and cement for laps, all packed inside of roll with directions for applying.

Nos. 1A, 2A and 3A

Nos. 1E, 2E and 3E

No.	1EI	ply.	Weight	about	35	1bs	Per roll	\$ 1.50
No.	2E2	ply.	Weight	about	45	lbs	**	2.00
No.	3E3	ply.	Weight	about	55	lbs		2.50

### RED ROSIN SIZED SHEATHING

No. 1A.—1 ply. Weight about 35 lbs, .... Per roll \$ 2.00

No. 2A.—2 ply. Weight about 45 lbs..... No. 3A.—3 ply. Weight about 55 lbs.....



Red Rosin sized sheathing. Tough, strong and durable, thoroughly rosin sized. Well calendered. All rolls 36 inches wide and contain 500 square feet.

Nos 8	12	16	20	25
Sq. ft. in 1 lb 8	12	16	20	25
Weight per roll, Mbs 60	40	30	25	50
Per roll \$ 1.80	1.20	.90	75	60

#### DEADENING FELT



Deadening Felt. For use in residences, apartment, public and office buildings, halls, etc., between floors to make them sound-proof. In rolls 36 inches wide containing 150 square feet.

											1 01 100	400.00
No.	101	Ib.	to	sq.	yd.	or	9	sq.	ft.	to	Ib \$	3.15
								sq.	ft.	to	ть	3.15
No.	202	Ib.	to	sq.	yd.	or	41/2	sq.	ft.	to	ъ	3.30

### GRAY ROSIN SIZED SHEATHING



Gray Rosin sized sheathing. Made from good hard stock, well finished and sized. In rolls 36 inches wide and containing 500 square feet. No. 12G.—Gray Star. 12 square feet in 1 lb. Roll

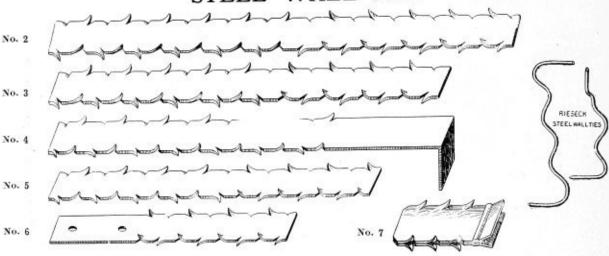
### CARPET LINING



Carpet lining. A combination lining and deadening felt. About 1 pound to the square yard. In rolls 36 inches wide containing 50 square yards.

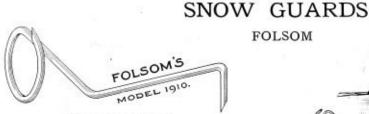




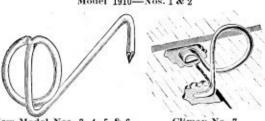


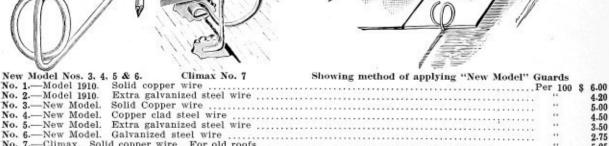
Pittsburg Steel Wall Ties and Wall Plugs.		
No. 2.—%x16 inches. Wall Tie for Bonding Walls in connection with joists	.Per 1000	\$ 15.00
No. 3.—5%x12 inches. Wall Tie for Bonding Hollow Walls	**	13.50
No. 4.—%x12 inches. Veneer Tie for Bonding Ashler or Terra Cotta Work	"	13.50
No. 5 3/2 x 71/2 inches. Wall Tie for Bonding Face Brick and Hollow Walls		6.00
No. 65%x 6 inches. Brick Veneer Tie for Bonding Brick to Sheathing		6.00
No. 7. Wall Plug. For driving into the walls to fasten grounds, mouldings, finish, door jambs, et	c., to the	
brick work	.Per 1000	\$ 15.00
Rieseck Wrought steel, crimped or corrugated edgewise, have a grip on a large amount of mortar		
well galvanized will not rust or corrode. The veneer tie is simply laid on the brick and driven in	Per 1000	\$ 6.75

FOLSOM



Model 1910-Nos. 1 & 2





No. 7.—Climax. Solid copper wire. For old roofs
Folsom snow guards for protecting pitch roofs from sliding snow. Placed at intervals over the entire roof each guard holds its own quota of snow. Will not injure the roof. The Climax style is designed for use on old roofs and the guard is made in such a way that the weight of snow tends to twist the guard, thus locking it in place.

Snow Guards not carried in stock; shipped from factory direct.

PLAIN

No. 3.—New Model.

No. 4.—New Model.

## SHINGLE BANDS

GALVANIZED

5.00

4.50

3.50 2.75

Standard shingle bands. Clean and evenly cut from the best sheet steel. In any gauge desired from No. 22 Tensile strength of 400 to 600 lbs. according to the size and gauge used. We advise the use of No. 27 gauge to 28. Tensile strength of 400 to 600 lbs. according to the size and gauge used. We advise the use of No. 27 gauge or heavier for there will be more body to the band thus stronger and stiffer. The regulation widths are  $\frac{1}{2}$ ,  $\frac{5}{2}$ , or  $\frac{3}{4}$  inch and vary in length from 8 to 22 inches. Two holes punched in each end. Furnished in black, galvanized or painted.

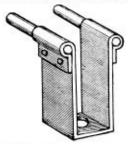
Can also furnish cut bands in any size, length or width up to 96 inch lengths for Nursery, Headings or Plain box bands.

Can also furnish round edge bands or continuous length strapping for various uses. Prices quoted upon receipt of specifications giving size, style, finish and quantity.



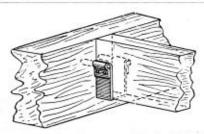
## JOIST HANGERS

## WROUGHT STEEL



Wrought Steel Joist Hangers. Fitted with two arms or projections which are inserted in the timber or wall. A broad flat seat is provided, and a broad bearing for the sides, thus holding the joist securely in place.

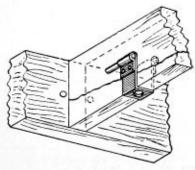
Nos.	Su	itable for J	oists of Inc	hes	Each
10	2 x 6	2 x	8	2 x 10	\$ .30
14	2 x 12	- 2 x	14	2 x 16	.35
18	21/2 x 10	21/6 x 12	21/6 x 14	21/2 x 16	.40
20	3 x 10	3 x 12	3 x 14	3 x 16	-45
21	4 X 6	4 x	8	4 x 10	-45
28	4 x 12	4 X	14	4 x 16	.60
42 53	5 x 10	5 x 12	5 x 14	5 x 16	.75
53	6 X 8	6 X	10	6 x 12	-85
55	6 x 14			6 x 16	1.00
60	8 x 12	8 X	14	8 x 16	1.25
62	10 x 12	10 X	14	10 x 16	1.50
64		12 x 14 t	o 14 x 18		1.75



Attached to supporting beam, making joist flush at top.

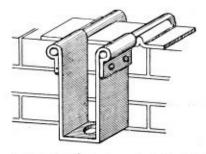


Attached to supporting beam, making joist flush at bottom.



Attached to support joist broken or split at the tenon.

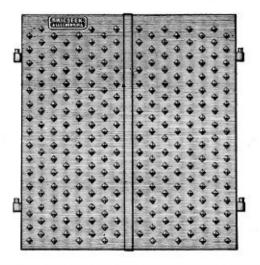
### WALL HANGERS



Wrought Steel Wall Hangers, including Wall Plates. Furnished with a steel plate, which takes up no more space than the mortar joint. Requires no cutting of the brick or stone, and can be placed in a party wall by removing but one brick.

Each	rs	joists Inche	uitable for	S	Nos.
\$ -41	2 x 10	8	2 x	2 x 6	100
.50	2 x 16	14	2 x	2 x 12	140
.5	21/2 x 16	21/2 x 14	2½ x 12	2½ x 10	180
-6	3 x 16	3 x 14	3 x 12	3 x 10	200
-6	4 x 10	8 3	4 X	4 x 6	210
.7	4 x 16	14	4 X	4 x 12	280
.9.	5 x 16	5 x 14	5 x 12	5 x 10	420
1.0	6 x 12	10	6 x	6 x 8	530
1.2	6 × 18	16	6 x	6 x 14	550
1.4	8 x 16	14	8 x	8 x 12	600
1.6	10 x 16	x 14	10 X	10 x 12	620
1.8	12 x 18	16	12 x	12 x 14	640

## CELLAR DOORS



Rieseck all steel cellar doors. Made of pressed steel, 1/4-inch plates. Raised surface to prevent slipping in winter weather. Furnished with lugs and with or without frame.

Prices will be quoted upon receipt of specifications giving size of opening, whether single or double doors and quantity.



Extra

## BAR IRON

#### BASE SIZES

## 

### ROUND AND SQUARE

1	to	,	13	8							d	٠	•	,	,	,			-		ò	-	ō		-		- '			-	٠	٠					٠		В	18	e
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35/8	to	4			ŀ								,													. ,													-81	0	
41/8																																						1	.00	0	
45%	to	4	3/4			ូ			8											,																		1	.3	0	
3/4	to		7	6														4																 					.19	0	
5/8	to		łà	,								,					 								į.								, .						.20	0	
	to		18					. ,																															.30	0	
Y'a	to		15											·										,					١.			Ç							.40	0	
3/8	to		13																																				.50	0	
10	to		33												,	,			,									٠.			1								.70	0	
1/4	to		32																																				.90	0	

### FLAT

#### Under 1 inch Thick

																				P	eı	ಿ	 ctra 0 lbs
																							.20
3/4	to	12	X	3/8	to	3/4		 ٠.															.40
5/8	to	11	X	3/8	to	5/8		 			 		,										.50
1/2	to	ra	X	3/8	to	1/2																	-90

### FLAT

#### 1 Inch and Larger

11/2	to	•	4	X	3/8	to	1					 						,							Ba	se
																					1	Pe	r		tra	
11/8	to	1	1/8	x	3/6	to	1.											 						\$	.10	)
41/4	to	6	T.	x	3/8	to	1.													i					.10	1
41/4	to	6		x	110	to	11/	6.																	.40	
61/4	to	8			3/8																				-60	1
61/4	to	8		x	110	to	11/	2.										. ,							.60	Ē.
11/4	to	4		x	11/8	to	11/	2 .	. ,						ì										-30	15
2	to	4		x	15%	to	2				 			 											.50	ľ.
41/4				x	15%	to	2				 		,												-60	0
61/4	to	8			15%				 		 				·		. ,	,							.80	
2	to	4		x	21/8	to	3		 				·												.60	
41/4	to	6		X	21/8	to	3		 		 				,										.80	
$6\frac{1}{4}$	to	8		x	21/8	to	3			,			i						,					1	.00	

## BEVEL EDGE

	Extr Per 100	
11/3 x 3/8 to 1/6	S -1	10
1½ x ¼ to %	.5	30
11/8 to 13/8 x 3/8	2	05
11/8 to 13/8 x 1/4 to 16	4	
1¼ to 1% x %	5	50
1 x 3/ <sub>8</sub> .  1 to 11/ <sub>8</sub> x / <sub>8</sub> .  3/ <sub>4</sub> to 7/ <sub>8</sub> x 3/ <sub>8</sub> .		30
3/4 to 7/6 x 3/6		
% to % x ¼ to %	6	
78 A 10	7	
¾ x ⊕		

#### HEAVY BANDS

Nonemanna a	Per 100 lbs.
7 to 8 x 1/4 to 1/4	
6% x ¼ to 语	
4¼ to 6 x ¼ to f6	
1½ to 4 x¼ to ½	20
1 to 13/8 x 1/4 to 1/6	30
3/4 to 1/2 x 1/4 to 1/3	50
% to 1 x ¼ to ₺	80
½ to % x¼ to %	1.00

Heavy bands  $\sqrt[3]{2}$ -inch thick \$ .10 per 100 pounds higher than  $\frac{1}{4}$  to  $\frac{\pi}{6}$ -inch thick. Bevel edge shaft iron \$ .10 per 100 pounds higher than same size of heavy bands.

### LIGHT BANDS

	Per 100 I	-
1½ to 4 × No. 9 to 75	\$ .4	
1½ to 4 x Nos. 10, 11, and 12. 1 to 1½ x No. 9 to ½	.5	0
1 to 1 & x Nos. 10, 11 and 12 18 to 78 x No. 9 to 18	6	-
{ to ⅓ x Nos. 10, 11 and 12 } to ¾ x No. 9 to ₺	7	0
11 to 3/4 x Nos. 10, 11 and 12	9	0
% to % x No. 9 to % % to % x Nos. 10, 11 and 12	1.0	

### OVAL

																											E	èe	_	 Th:	3.
7/8	to	11/2	1	,			×														×	¥							\$	40	
3/4	to	48			٠.				2										٠.	c										50	
3/A	to	10			0	 	٠.					٠.			0				8			2								60	
1/2	to	To						a.		,			×					 												80	

### HALF OVAL & HALF ROUND

																											1	P	e	r	1	00 lbs.
7/8	te	0	1	1/	2	X,	 	 		 . ,	 6																				\$	-50
%	- 1.0	o.		40	4				١.				2																			70
%	te	0		ł.	Ł	٠.						4	9																			90
1/2	. L (	Ο.		T	t	S			٠.									4														1.20
%	t	0		ľ	ζ		 	 	ì,	 , ,	, ,		ï												٠.	٠.		٠.				2.50
16	i.														٠,		,			 									8			3.50
1/4															V																	4.50

Half oval less than 1/4 their width in thickness, extra price.

### HORSE SHOE

	Per 100 lbs.
All sizes	 \$ 1.00

### ADDITIONAL

Hot sawing or shearing to special lengths.

			Per	Extra 100 lbs.
24 inches and	longer	 		\$ .10
12 inches to 24	inches			90
6 inches to 13	2 inches	 		.30

For intermediate sizes, the next higher extra will be charged.



## BAR STEEL

### TOOL STEEL CLASSIFICATION

#### Applying to all grades of Tool Steel, Round, Square and Octagon.

7/8	Extra per	Ib.	Extra per I	b.
1/8		18	21/4 to 3 1	
3/2		10	31/8 to 4 1	1/2
			4½ to 5 2	~
1/4	and 9-42	3	51/8 to 6 2	
5	and 11	2	61/8 to 7 3	
3/9	to 16	1	71/8 to 8 3	
	to 16			

#### Flat.

% inch to 2 inches thick by 16	inch to 2 inches wideBase
Extra per lb. Cents	Extra per lb. Cents
1/8X 1/6 20	5 X 3/8 to 5/8 11/2
1/8 x 1/4 15	5 x 1 to 8 1
1/8 x 1/6 8	3/8 x 1/5 to 8 1
1/8 x 3/8 4	16x 1/2 to 8 1
1/8 x 1/6 to 1/2 3	1/2 x 10 to 8 1
	3 x21/8 to 8 1
½x ½ to 7 2 ½x7½ to 8 3	% to 2 x % to 2 Base
3 x 1/4 5	5% to 2 x21% to 7 1
18 x 18 4	% to 1%x71/8 to 8 1
3 x 3/8 3	1% to 2 x71/8 to 8 11/2
18 x 18 to % 2	21/8 to 3 x21/8 to 5 1
3 x 11 to 2 11/2	21/8 to 3 x51/8 to 8 11/2
3 x21/8 to 7 1	31/8 to 4 x31/8 to 6 11/2
15 x71/8 to 8 2	31/8 to 4 x61/8 to 8 2
1/4 x 1/6 to 3/8 2	41/8 to 5 x41/8 to 7 2
1/4 x 1/6 to 5/8 11/2	41/8 to 5 x71/8 to 8 21/2
1/4 x 11 to 2 11/2	51/8 to 6 x51/8 to 8 21/2
1/4 x 2 1/8 to 7 1	61/8 to 7 x61/8 to 7 3
1/4 x 7 1/8 to 8 2	61/8 to 8 x71/8 to 8 31/2

## Cutting to Specified Single and Multiple Lengths.

																														,	Ľ	х	t.	T	1			ents
24	ine	che	s or																																			
18	to	24	inch	es																												í.				,		1
12	to	18													ě.	,																						11/3
6	to	12		9																																		2
			1	ess	t	h	8	t	1	6	,	i	n	c	h	e	8	,	8	p	e	c	i	a	l	I	)1	i	Ċ	e								

## OPEN HEARTH MACHINERY STEEL

### Rolled Round and Square.

3/4 inch to 3 inches inclusive	Base
Extra per lb.	Extra per lb.
Cents inch 2	3/4 inch
$\frac{7}{32}$ inch	½ to %
16 10	5% to 11 1/10

### Hammered, Round and Square

																			0			E	x	t	r	t			th	
31/8	to	4	٠.		. ,							. ,										,					,		1	
41/8	to	6				 							 	ì		,		٠,											14	2
61/8	to	7		,		٠.	٠		•		•		 									,							2	

#### Rolled Flats.

1 1	o 3 i	nei	ies	WI	ie .	x 7/8	to:	1	***		••	11,		.,	F	x	tı	ra		oe	r	1	b.	cen
11	to	15	inc	h x	3/4	to	3/4	iı	ac	h														4/1
11	to	15	**	X	1/4	and	18						,		,							4 1		5/1
18	to and and inch	5/4	**	X	3/8	to	1/2		"										,					5/1
16	and	5/8	**	X	1/4	and	18		"		. ,					٠.					ï	, ,		7/1
1/2	inch	X 3	& a	nd	7-1	9 in	ch								,									9/1
1/2	**	X 1	/4 a	nd	ń														. ,		•			1/1
Te	**	X	1/8	**																				1
10		X 1	14 3	nd	18	inch	1 .																	11
3/4	**	X 1	/a a	nd	10										٠						e e	9.7		14

### Hammered Flats.

Sizes not in the rolled classification will be hammered at special prices, according to the size.

## CRUCIBLE MACHINERY STEEL

#### Round and Square.

	ra per lb.		Extra per lb.
	Cents		Cents
å	3	1/2 to }}	3/10
1/4 and 3/2	11/2	31/8 to 4	1
å to 11	1	41/8 to 6	11/2
% to 10	1/2	61/2 to 7	2

5/8 inch to 2 inches thick by 1/6 inch to 2 inches wide . . . Base

The extras for Flat are one-half of those of the flat tool steel classification.

Cutting to specified single and multiple lengths, 24 inches or over, ½ per cent per pound. Shorter than 24 inches, according to agreement.

### CRUCIBLE SPRING STEEL

#### Flat.

									E	ktra per Ce	it nts
1	and	11/4	inches	x	No.	1	gauge to	4	gauge		T'o
1	to		**	x	**	5	**	7	44		1/
3/4	and	45	11	x	. **	1	44	7			1/
3/4	to	11	66	x		1	**	7	6.6		1
3/4	**	3	**	x	**	8	**	10	**		1
3/	**	3	44	x	11	11	**	16	**		11/
3/	**	3	44	x		17	**	19	44		20
3/		5/	44.	×	**	10	**	16	**		4
3/		5/	44	x	11	17	**	19	44		5

## Round and Square.

% to 1½ inches inclusive	Base
Extra per lb. Cents	Extra per lb. Cents
% and ½ % % 1% and % 1/2	1/4

Cutting to lengths 24 inches and over 70 cents per pound. Under 24 inches, special price.

#### TIRE STEEL

### Round Edge. Machine Straightened.

#### Base sizes:

34 inch wide by 15 inch thick, and heavier.

#### Extra sizes:

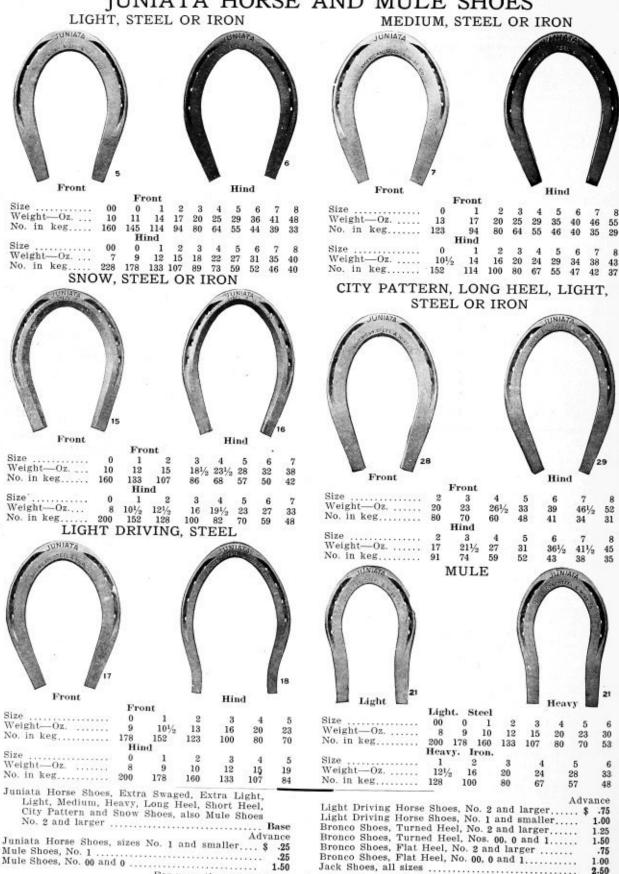
Sizes less than  $\sqrt[3]{4}$  inches wide and less than  $\sqrt[3]{6}$  inch thick, subject to Merchant Bar Steel classification.

#### TOE CALK STEEL

Base sizes, per pound	\$
$\frac{1}{2}$ inch x $\frac{3}{8}$ inch and over	Base
Extra per lb. Cents	Extra per lb. Cents
75 in. x ½ to ½ in 2 75 "x 5% to 1 " 1 ½ "x 75 to 3% " 1½ ¼ "x 75 to 1 " 3¼ 2 "x 3% to 5 " 3½	½     in. x ½ to 1 in     ½       ¾     " x ½ inch     ¾       ¾     inch square     ¾       ½     " " " 1

All dimensions inclusive. Intermediate sizes take the next higher price.

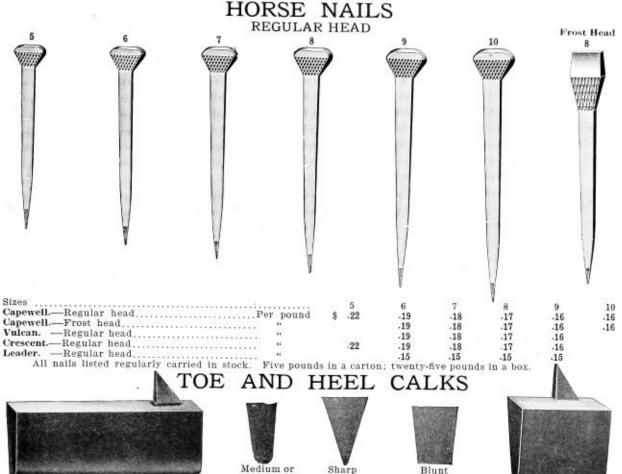
## JUNIATA HORSE AND MULE SHOES



For more than 1 size of shoes in a keg advance \$. 15.

Jack Shoes, all sizes .....





JUNIATA TOE CALKS

Toe Calks Country Pattern Pattern Heel Calks JUNIATA HEEL CALKS SIZES AND EXACT DIMENSIONS SIZES AND EXACT DIMENSIONS

Size	Regular	Regular	Regular	Size	MEDIUM	SHARP	BLUNT
No. 0	1% x ½ x &	1½ x ½ x ¾	11/4 x 7/5 x 3/8		Regular	Regular	Regular
No. 1 No. 2 No. 3 No. 4	1½ x ½ x ½ 1¾ x ½ x ½ 2 x ¾ x ½ 2½ x ¼ x ½	134 x 5/8 x 1/5 2 x 3/4 x 1/2 21/4 x 7/8 x 1/5 21/2 x 1 x 5/8	1½ x 75 x ¾ 1¾ x 75 x 75 2 x 56 x ½ 2¹4 x ¾ x ½	No. 0 No. 1 No. 2 No. 3	7/8 x 1/8 x 1/6 7/8 x 1/4 x 1/6 7/8 x 1/4 x 1/6 7/8 x 1/4 x 1/4 1 x 3/4 x 1/8	7/8 X 1/2 X 3/8 7/8 X 5/8 X 1/5 1 X 3/4 X 1/2 11/8 X 7/8 X 1/6	7/8 x 1/8 x 3/8 7/8 x 1/2 x 3/8 7/8 x 1/8 x 1/8 1 x 5/4 x 1/2
No. 5	2½ x 11 x 16	23/4 x 1 x 5/8	2½ x ½ x ½	No. 4	11/6 X 1 2 X 1 6	1½ x 1 x 5%	11/8 x 3/4 x 1/2
No. 6	2¾ x 15 x 11	3 x 1 x 5/8	2¾ x ½ x ½	No. 5	11/4 X 2 2 X 1 6	1¾ x 1 x 5%	11/4 x 1/8 x 1/8
No. 7	3 x 12 x 11	31/4 x 1 x 5/8	3 x ½ x ½	No. 6	13/6 X 1 6 X 1 2	1½ x 1 x 5%	13/8 x 7/8 x 1/8
	blunt		r pound \$ .11 " .12	Sharp	blunt	Pe	r pound \$ .12 " .13

Twenty-five pounds in a box.

Juniata Calks are the latest and most improved patterns. The spur is far enough from the end to avoid striking the crease, and hard enough to insure driving into the shoe without bending. To secure best wearing qualities temper at cherry red heat just before driving. To secure best welding results, do not plunge in water, but allow shoe to cool gradually.

## ROWE CALKS, TAPS AND WRENCHES



Rowe ring-point calks. Square shoulder. Wedge shape tool steel center welded from end to end. Adapted for all around slippery conditions.

Inches..... 2.80 \$ 2.00 2.20 2.40 2.60 3.20 Per 100..... Fifty in a carton.



Rowe ring-point hand taps. Inches ..... -50 Each . . . . . . . . WRENCHES



Rowe Wrenches .- Special one size only. Teeth interchangeable. Removes all sizes calks... Each \$ .75

## BABBITT METAL, SOLDER, ETC.





Bearing .- For general use and especially suited for pulleys, hangers and line shafting. Bars weigh about 6 



Frictionless.—Made of carefully refined new materials. Can be used repeatedly in the same box. Especially 







Magnolia.—Anti-Friction. Produces a tough and elastic metal not hard and gritty. Produces a perfect and 

Bar Lead.—Small bars. 25 lbs. in wood box ..... ......Per lb. \$ .101/2





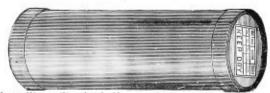
Tinkers' Solder .- High grade solder in short bars about 6 inches in length of convenient size to use in the home. Handy for working at odd 

One dozen in a package.

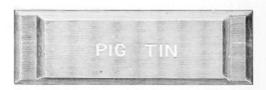


Pig Lead.—In pigs of about 125 lbs.......Per lb. \$

Prices on Application.



Standard No. 9, thickness .018 inch Sheet Zinccorresponding to No. 26 Stubs Gauge. Weight Widths 36, 40 about % fb. to the square foot. and 48 inches. Sheets 84 inches long....Per 1b. \$ .15



Pig Tin .- In pigs of about 125 to 150 lbs ... Per lb. \$ Prices on Application.



# LIME AND CEMENT









Pear	rl White Lime.—A cool lime especially adapted for plastering purposes. It works cool and smooth under the trowel enabling the plasterer to do more work than with a hot lime and no danger whatever from chipping.  Put up in the very best cooperage	30
Gold	d Medal White Lime.—The strongest lime, being 98 per cent, pure carbonate of lime. Makes about double the quantity of mortar made from the average barrel of lime	0
Pear	rl Hydrated White Lime.—A prepared lime especially adapted for finishing or skim coat in plastering. Will	

Vulcanite Portland Cement. Highest grade. Perfect system of testing. Keeps the product uniform in quality.

In paper, 4 sacks to the barrel. Per barrel \$ 3.00
In wood. "3.50

## SEWER PIPE











### STANDARD SEWER PIPE

Calibre of Pipe Inches	Straight Pipe per ft.	Approx. weight of Standard Pipe per ft. pounds	Curves and Elbows each	Branches Main Pipe I or 2 ft. long Inlets Smaller than 15 in.	Branches Main Pipe 2½ or 3 ft. long. Inlets Smaller than 15 in.	Branches Main Pipe 2 ft. long. Inlets 15 in. or larger	Branches Main Pipe 2½ or 3 ft. long. Inlets 15 in. or larger	Each Additional Inlet Smaller than 15 in.	Slants per 1 ft. or less long side	Running P. S. and Single H.H. Traps Each	Double H. H. Traps Each
3	\$ .20	7	\$ .60	\$ .80	\$ 1.00			\$ .40	\$ .60	\$ 1.60	\$ 1.80
4	-25	9	.75	1.00	1.25			.50	.75	2.00	2.25
5	-30	12	-90	1.20	1.50			.63	.90	2.40	2.70
6	-40	15	1.20	1.60	2.00			.75	1.20	3.20	3.60
8	-55	23	1.60	2.20	2.75			1.25	1.65	5.50	6.05
9	-65	28	1.95	2.60	3.25			1.50	1.95	6.50	7.15
10	-80	35	2.40	3.20	4.00			1.90	2.40	8.00	8.80
12	1.00	45	3.00	4.00	5.00			2.50	3.00	15.00	16.00
15	1.35	60	4.05	5.40	6.75	\$ 9.45	\$ 10.80	3.40	4.05		
18	1.90	85	5.70	7.60	9.50	13.30	15.00	4.25	5.70		
20	2.25	100	6.75	9.00	11.25	15.75	18.00	5.63	6.75		
21	2.70	120	8.10	10.80	13.50	18.90	21.60	6.25	8.10		
22	3.00	130	9.00	12.00	15.00	21.00	24.00	6.88	9.00		
24	3.25	150	9.75	13.00	16.25	22.75	26.00	8.13	9.75		

All pipe in 21/2 ft. and 3 ft. lengths (except sizes 27 in. and larger) to take 2 per cent less discount than pipe in 2 ft. lengths.

#### DOUBLE STRENGTH PIPE

Calibre, Inches	Thickness, Inches	Weight per Foot. pounds	Depth of Sockets, Inches	Annular Space, Inches	Per Foot	Calibre, Inches	Thickness, Inches	Weight per Foot, pounds	Depth of Sockets, Inches	Annular Space, Inches	Per Foot
15 18 20	$\frac{11/4}{11/2}$ $\frac{12/3}{12/3}$	75 118 138	2½ 2½ 2½ 2¾	1/2 1/2 1/2 1/2	\$ 1.35 1.90 2.25	24 27 30	2 2 <sup>1</sup> / <sub>4</sub> 2 <sup>1</sup> / <sub>2</sub>	190 265 290	3½ - 4 4	1/2 3/4 3/4	\$ 3.25 4.50 5.50
21	13/4	148 157	3	1/2 1/2	2.70 3.00	33 36	23/4	335 375	5	11/4 11/4	6.25 7.00

Every shipment at risk of purchaser and no allowance for breakage.



## DYNAMITE





20% .- Red Cross. For soft clay and hard earth , 25%.—Red Cross. For shale and loosening earth to rejuvenate orchards
30%.—Red Cross. For digging holes, excavating for cellars, breaking up hard soil and well digging -Red Cross. For rock, shale, clay, gravel and sand when the formation is not extremely hard and 

In cartridges 11/4x8 inches in size packed in cases containing 50 or 25 lbs.

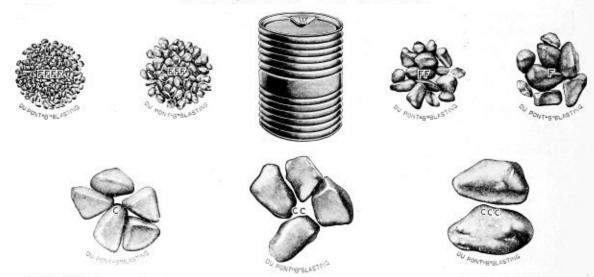
On account of its low freezing properties Red Cross Dynamite commends itself to all who use explosives during the Fall and Winter months. Will not freeze until the temperature goes below 35° Fahrenheit. Cases are known where this brand did not freeze when the temperature was close to zero.

In addition to the standard size cartridge (11/4x8) above mentioned we can furnish from mill the following

sizes: ½x8, 1x8, 1½x8, 1½x8, 1½x8, 134x8, or 2x8—as the particular needs of any user may require.

For any use not covered by the above list we will be glad to furnish special booklet covering practically every character of work.

## BLASTING POWDER



DuPont blasting powder. For use in coal mining, clay mining, quarrying and hard soil. Ranges in action from CCC (very slow) to FFFF (very quick). In kegs containing 25 lbs.

FFFF, FFF, FFF.—For use in coal mining, clay mining and the like. FF is frequently used in quarries where

stone, etc.

In either steel or pulp kegs—pulp kegs are safer. ..... Per keg \$ ....

Under no circumstances can we ship dynamite or powder with hardware orders. Shipments must be made from magazine direct, to railroad points where agent is located (none to prepay points) and on certain days specified by the different railroad companies which frequently change. Get information from your local agent and give routing whenever possible.

Prices Change Frequently. Consult our Price Sheet or write us.



## BLASTING SUPPLIES

FUSE



Ensign Bickford Co. Safety Fuse.



Cotton .- For use in dry ground. Pliable. Per 1000 ft \$ 5.00



Beaver Brand.—For use in wet ground. wound and yellow finished. Combining the waterproof qualities of single tape while neater and more attractive in appearance . . . . . Per 1000 feet \$ 5.50 Single Tape. For use in wet ground.



Anchor Brand.-For use in very wet ground. Double wound and white finished, combining the water-proof qualities of double tape—neater in appearance ouble Tape.—For use in wet ground. Per 1000 ft. .. Per 1000 ft. \$ 6.50 Double Tape .-All above fuses except cotton, fit the standard high explosive cap.

1000 feet in a case; broken lots additional charge.

#### BLASTING CAPS



Superior quality. Blasting caps. 1000 dms. fulminate to M... \$ 12.00 No. 6 .- DuPont. 800 dms. fulminate to M... No. 5 .- DuPont. 650 dms. fulminate to M... No. 4.—Gold Medal. 540 dms. fulminate to M... No. 3 .- Silver Medal. 9.00 100 in a metal box.

Weak caps result in incomplete detonation, causing lack of execution. For this reason we recommend nothing weaker than the number 6 cap.

Blasting caps cannot be shipped with dynamite or hardware orders.

### CAP CRIMPERS



Cap Crimpers .- One straight side for punching hole in dynamite for inserting cap. Also fuse cutter. Crimps cap to fuse ...... Each \$ .60

### SQUIBS

Safety squibs. Part of the match is within the squib. Also with patent end. No seal to be cut off. To be used as they are in the box. 100 squibs in a pasteboard box. .... Per case \$ 13.50 Powell.-100 boxes in a case, Broken lots, additional charge.

### BLASTING PAPER



-Sterling blasting paper. Fibre. In rolls 9 in. wide containing about 1½ pounds. Per pound \$ .10
About 150 pounds in a barrel. ELECTRIC FUZES





Double strength electric fuzes. For exploding dynamite with an electric battery.

Length, feet 4 6 R 10 12 Per 100..... 7.68 \$ 5.25 6.06 6.878.49 9.30 10.11 Length, feet 28 18 90 99 24 26 30 10.92 11.73 13.23 14.73 Per 100..... 16.23 17.73 19.23 50 in a carton.

Electric fuzes cannot be shipped with dynamite or hardware orders. CONNECTING WIRE

#### LEADING WIRE





Leading wire. Used in connection with blasting machines and electric fuzes. Running from machine to first fuze and from last fuze back to machine.

Leading Wire.—Coils containing 100, 200, 250, 300 ..Per 100 feet \$ 2.50 or 500 feet. Connecting Wire .- On spools containing 1 or 2 lbs.

Apout 250 feet to the pound..... ...Per pound 1.20

### BLASTING MACHINES

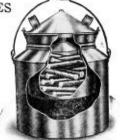




For exploding dynamite in connection with electric fuzes. No. 2 .- Will fire up to 10 fuzes. 2 post,..., Each \$ 15.00 No. 3 .- Will fire up to 30 fuzes 2 or 3 post 22.50 No. 4.-Will fire up to 50 fuzes. 3 post ..... 45.00 No. 5 .- Will fire up to 100 fuzes. 3 post... 67.50

## THAWING KETTLES





Catasauqua Bradford Catasauqua. Heavy tin with outer and inner vessels. Bradford. Galvanized iron with outer and inner vessels.

No. B1.—Capacity 22 pounds..... Each § 7.50 No. B2.—Capacity 60 pounds..... " 11.25

Blasting caps and electric fuses cannot be shipped with dynamite or hardware orders. Thawing kettles shipped from factory direct.



## TUBULAR STEEL





Tray of number 14 steel pressed from a single sheet without seam or rivet. Edges of tray flanged and turned over a 5-16-inch steel rod.

No. A5.—Capacity 4 cu. ft. Weight about 75 lbs. Steel wheel 16½ in. in diameter. 5%-in. axle bolt. For hauling dirt or light material Each

9.00

No. 7.—Capacity 4 cu. ft. Weight about 85 lbs. Heavy steel wheel 16½ in. in diameter. Heavy legs and braces. ½-in. axle bolt. For foundry and mine use.... Each \$ 10.00





No. 17.—Capacity 6 cubic feet. Tray
of number 10 steel pressed from
a single sheet without seam or
rivet. Weight about 150 pounds.
Extra heavy wheel 16½ inches in
diameter with hub cast around
spokes. ¾-inch axle bolt. A
practically indestructible barrow
with massive legs, braces and
axle clips. Designed for carrying heavy castings and will stand
the roughest usage.......Each \$ 26.00

Above barrows all fitted with tubular frames of high carbon steel, giving strength and durability. Being in one piece serves as wheel guard and permits of forward dumping. Legs well braced and all parts fit perfectly. Of best material and workmanship.



STEEL TRAY



No. 400.—Concrete. Capacity 2 cu. ft. of wet concrete or 4 cu. ft. of earth. Heavy steel tray, riveted. Weight about 75 lbs. Heavy steel wheel 16½ inches in diameter and with ½-inch axle bolt. Heavy malleable axle clips. Forged steel dumping nose, angle shaped. Angle steel legs. Has narrow tray, permitting it to be wheeled through spaces of limited width. Round shovel shaped tray front affords easy dumping of concrete. Wheel well back under load......Each \$ 9.00



Steel tray pressed from a single sheet without seam or rivet. Edges flanged and turned over a  $r_0^2$ -inch steel rod. Steel wheels  $16\frac{1}{2}$  inches in diameter and with  $\frac{5}{6}$ -inch axle bolt. Angle iron legs.

No. 300.—Capacity 6 cubic feet. Tray of number 15 steel. Weight about 72 lbs. For hauling coal, coke or ashes. Each \$ 9.00

No. 200.—Capacity 4 cubic feet. Tray of number 16 steel. Weight about 60 lbs. For hauling dirt or light material. Each 7.00



No. 210.—Capacity 4 cubic feet. Tray of number 16 steel, pressed from a single sheet without seam or rivet. Edges flanged and turned over a ½-inch steel rod. Extension handles with heavy steel shoes for forward dumping. Weight about 70 pounds. Steel wheel 16½ in. in diameter and with ½-inch axle bolt. Angle iron legs, well braced. Contractors' general purpose barrow.....Each \$ 7.50

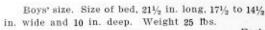


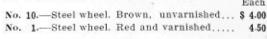


No. 600.—Star. Capacity about 3 cu. ft.
Tray of number 18 steel pressed from a single sheet without seam or rivet.
Weight about 45 pounds. Edges flanged and turned over %-inch steel rod. Steel wheel 16½ inches in diameter and with ½-inch axle bolt. Legs and braces of hardwood, well bolted and braced. Each \$ 5.00

All above barrows are of the best material and workmanship throughout. Each of the foregoing designs being the result of careful study and practical experience.









Capacity 3 cu. ft. Size of bed, 25 in. long, 20 in. wide and 11 in. deep. Weight 45 lbs.

No.	20.	-Wood wh	eel. Brown	n, unvarnished	\$ 5.00
No.	208.	-Steel whee	l. Brown	, unvarnished.	5.50
No.	2.	-Wood whe	el. Green	and varnished	5-50
No.	28.	-Steel whee	l. Green	and varnished	6.00



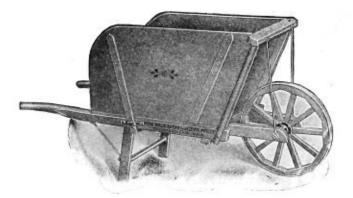
Capacity 4 cu. ft. Size of bed, 25 in. long, 22 in. wide and 12 in. deep. Weight 50 lbs.

			West State		Each
No.	30	-Wood wheel.	Brown,	unvarnished.	\$ 5.50
No.	308.	-Steel wheel.	Brown,	unvarnished.	6.00
No.	3.	-Wood wheel.	Green	and varnished	6.00
No.	38.	—Steel wheel.	Green	and varnished	6.50



Capacity 6 cu. ft. Size of bed, 28 in. long, 24 in. wide and 14 in. deep. Weight 68 lbs.

				Each
No.	40Wood wheel.	Brown,	unvarnished.	\$ 7.00
No.	40S.—Steel wheel.	Brown,	unvarnished.	7.50
No.	4Wood wheel.	Green a	nd varnished	7.50
No.	4S -Steel wheel	Green s	nd varnished	8.00



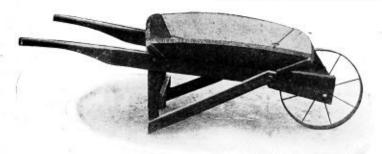
Capacity 10 cu. ft. Size of bed, 31 in. long, 24 in. wide and 21 in. deep. For sawdust or stable use. Weight 82 lbs.

					Each
No.	50Wood wheel.	Brown,	unv	arnished.	\$ 8.50
No.	50S Steel wheel.	Brown,	unv	arnished.	9.00
No.	5Wood wheel.	Green a	nd	varnished	9.00
No.	58.—Steel wheel.	Green a	and	varnished	9.50



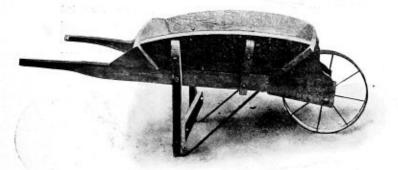
All garden barrows are full bolted and made with removable sideboards and double frames. Best selected, air dried lumber; finest workmanship and highest grade finish. Shipped folded up flat as shown in small illustration.





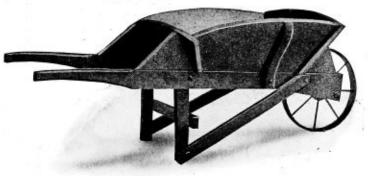
#### OAK RAILROAD

Oak Railroad.-Selected oak. Painted red. Full size tray, well braced and bolted. Strong leg braces bolted at both ends. Front 9 inches, sides 9 inches, back 6 inches. With Lewis patent steel wheel, 1/2 inch axle......Per doz. \$ 40.00



#### IRON CITY

Iron City .- Selected Oak. Painted red. Large tray. Legs extend up the sides to brace the sideboards. Extra wooden bracket on side and heavy iron leg braces bolted at both ends. Heavy blocks front and back. Front 10 inches, sides 10 inches, back 7 inches. Heavy Lewis patent steel wheel. Designed for coal, sand, cobbles, dirt and heavy work in general ..... Each \$ 7.00



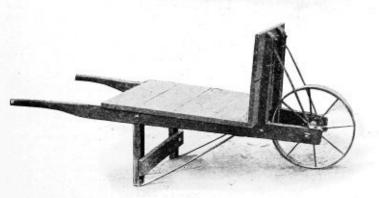
#### MORTAR

No. M6 .- Mortar. Selected oak. Painted red. Large tray. Tight box for wheeling mortar, etc. Braced by wooden cleats front and back and heavy braces on each side of bed bolted on. Front 12 inches, sides 12 inches, back 8 inches. With extra heavy Lewis patent steel wheels ...... Each \$ 6.50



## STONE

No. S25 .- Selected oak. Painted red. For stone or metal and made to stand hard usage. Braced by heavy blocks in front and solid legs, iron strapped. Low bed. Front 7 inches high and 20 inches wide. Bottom 27 inches long and and 20 inches wide. With extra heavy Lewis patent steel wheel Each ...... \$ 7.00



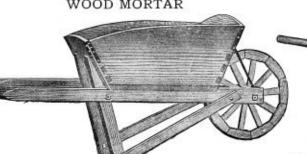
### BRICK

No. B5 .- Selected oak. Solid bed and front. Painted red. Heavy iron leg and dash braces. Front 16 inches high and 22 inches wide. Bottom 28 inches long and 22 inches wide. With extra heavy Lewis patent steel wheel ...... Each \$ 7.00 .

Above barrows all made from selected stock. Designed to withstand hard usage-the patterns commend them to the users in the several trades.

\$ 6.004

## WOOD MORTAR



No. 800 .- Bolted mortar barrow. Made of air Bolted mortar barrow. Made of air dried hardwood, full bolted. Edges of tray iron strapped. Weight about 60 pounds. The tray is 10 inches deep at handles and 13 inches at wheels; bottom 19½ inches square; top 27 inches wide and 29 inches long. With heavy wood wheel 17 inches in diameter and 1/2 inch axle bolt ......Each

BENT TRAY



hardwood, full bolted. Well planed, cleated and braced. Steel wheel 16½ inches in diameter. With ½ inch axle Weight about 52 lbs. each.... Per dozen ..... \$ 36.00

BENT HANDLE STONE



STRAIGHT HANDLE STONE



No. 900 .- Straight handle stone barrow. air dried hardwood, full bolted. Iron strapped bottom and dash. Painted dark red. Heavy wood wheel 17 inches in diameter and with 5% inch axle bolt. Weight 70 pounds. Designed for handling stone or pig metal, Each No. 910 .- Bent Handle Stone Barrow. Made of air dried hardwood, full bolted. Bottom, dash and front, iron strapped. Weight about 75 pounds. Painted, dark red. Heavy wood wheel 17 inches in diameter and with 5% inch axle

LEWIS STEEL WHEELS



JACOBS' WOOD WHEELS



Jacobs' pattern wood wheel. 10 wood spokes and chilled iron hub. Shrunk-on steel tire. No. 2W .- Diameter 17 inches. For 1/2 inch axle. May be used on barrows numbers 2, 

No. 4W.—Diameter 21 inches. For % inch axle. May be used on barrows numbers 4. 40, 5 or 50 ...... Each \$ 2.20

Lewis pattern steel wheel. Round steel spokes, steel tire and malleable hub. Spokes secured by head on the outer and shoulder on the inner side of tire, combining tension and torsion strength.

—Diameter 15½ inches. For ½ inch axle. May be used on Oak Railroad barrows

Diameter 16½ inches. For ½ inchex.

Each
Diameter 16½ on barrows numbers on 2000 \$ 1.70 No. 13W. -

hers 600 or 700 ... Each
No. 13XW.—Diameter 16½ inches. For ½ inch
axle. May be used on barrows numbers 2, 20, 3, 30 or 800 ... Each
No.13AW.—Diameter 16½ inches. For 5% inch
axle. May be used on barrows numbers 200 200 200 200 500 \$ 1.80

bers 200, 300, 210 or 500...... Each

Diameter 16½ inches. For ¾ inch

axle. May be used on barrows num-No. 14W. -

No. 15W. -\$ 2.40

bers 4, 40, 5 or 50 ...... Each \$ 2.50

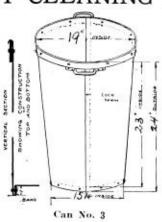
"STERUNG BRAND FOR QUALITY STANDS"

7.50



## STREET CLEANING CARTS



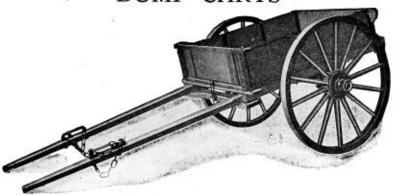




Heavily banded and with malleable iron handles.

Not carried in stock; shipped from factory direct.

DUMP CARTS



Contractors' Dump Cart. Selected hardwood, strongly braced and bolted. Painted red. Will stand roughest usage. Heavy. —Bed 66x44x13 inches. Capacity 24 cubic feet. Wheels 54 inches in diameter with tires  $3x\frac{1}{2}$  inch.

Weight 934 pounds. Standard gauge 5 feet 2 inches

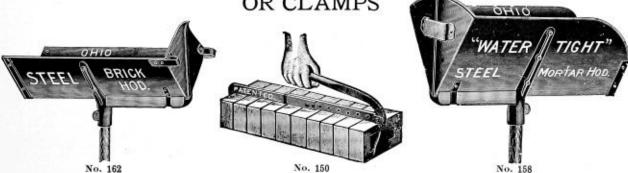
Light. —Bed 66x44x12 inches. Capacity 21 cubic feet. Wheels 54 inches in diameter with tires  $3x\frac{1}{2}$  inch.

Weight 705 pounds. Standard gauge 5 feet 2 inches

Hoppers.—Hopper or wing boards furnished on either of above carts, extra

Not carried in stock; shipped from factory direct. ... Each \$ 90.00 84.00

BRICK HODS BRICK HANDLERS MORTAR HODS OR CLAMPS



No. 162 .- Steel brick hod. 22x7x10 inches .. Per dozen \$ 24.00 No. 150.—Brick handler or clamp. Adjustable from 4 paving to 12 regular bricks. Saves time and money. 36.00 ......Per\_dozen No. 158.—Steel mortar hod. 24x113/4x12 inches ..... 27.00

"STERUNG BRAND FOR QUALITY STANDS"





Township or road plow. Beam of selected hardwood, 6 feet long. Heavy iron strap under beam and V-shaped standard. Weight about 145 pounds. Designed for 4 or 2 horse use. With clevis and rings.

#### RAILROAD OR GRADING



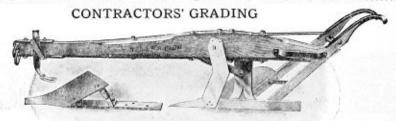
Railroad or grading plow. Beam of selected butt cut white oak, 7 feet long. Heavily ironed on both sides. Weight about 206 pounds. Designed for 8 to 2 horse use. Furnished with 6½ inch gauge wheel, clevis and rings. Designed for deep rather than wide cutting.

 No. 13.—Right hand.
 Cuts 10 inches wide and 16 inches deep
 Each \$ 42.00

 No. 3.—Left hand.
 Cuts 10 inches wide and 16 inches deep
 " 42.00



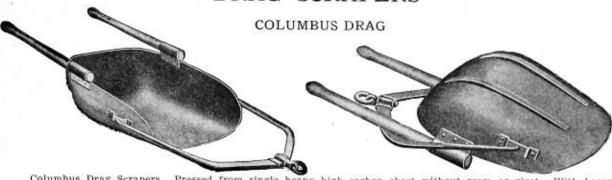
Contractors' grading plow. Beam of second growth hardwood. Hand hold solid steel. With clevis and rings. One extra point furnished with each plow. In ordering state whether desired right or left hand.



Contractors' grading plow. Beam of second growth hardwood. Hand hold solid steel. Provided with improved steel shoe or runner upon the side to protect the handles when the plow is dragging. With clevis and rings. One extra point furnished with each plow. In ordering state whether desired right or left hand.



## DRAG SCRAPERS



Columbus Drag Scrapers. Pressed from single heavy high carbon sheet without seam or rivet. With heavy forged steel runners and handles on top.

No. 2.—Capacity about 5 cubic feet.	Weight 97 pe	ounds, Eac ounds,	11.00
No. 3.—Capacity about 3 cubic feet.	Weight 82 pe	ounds "	10.00



### STAR DRAG

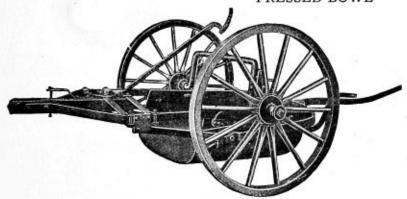
Star Drag Scrapers. Pressed from single high carbon steel plate with flange around top giving additional stiffness. With steel runners and handles on sides.

Each

No. 1S.—Capacity about 7 cu. ft. Weight about 89 lbs. \$ 9.00 No. 2S.—Capacity about 5 cu. ft. Weight about 80 lbs. 8.50 No. 3S.—Capacity about 3 cu. ft. Weight about 67 lbs. 8.00

## WHEEL SCRAPERS

PRESSED BOWL

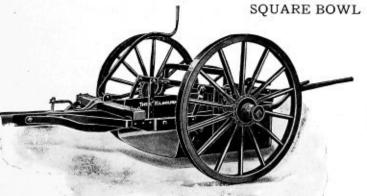


Pressed Bowl Wheel Scrapers. Bowls stamped from single sheet of heavy high carbon steel without seam or rivet. Sand proof wood wheels with malleable iron hubs.

No. 1P.—Capacity 9 cu. ft. Weight 390 lbs. Track 4 ft. 2 in. Diameter of wheel 34 in. ......Each \$ 48.00

No. 2P.—Capacity 13 cu. ft. Weight 644 lbs. Track 4 ft. 7 in. Diameter of wheel 40 in. .......Each \$ 75.00

No. 3P.—Capacity 17 cu. ft. Weight 772 lbs. Track 5 ft. 2 in. Diameter of wheel 46 in. . . . . . Each \$ 84.00



Square bowl wheel scrapers. Riveted bowl. High quality heavy steel plate. Sand proof wood wheels with malleable iron hubs.

No. 1W.—Capacity 9 cu. ft. Weight 500 lbs. Track 4 ft. 5 in. Diameter of wheel 38 in. . . . . . . Each \$ 46.00

No. 2W.—Capacity 12 cu. ft. Weight 675 lbs. Track 4 ft. 8 in. Diameter of wheel 40 in. . . . . . Each 72.00

No. 2½W.—Capacity 14 cu. ft. Weight 750 lbs. Track 4 ft. 8 in. Diameter of wheel 44 in. . . . . . Each 78.00

No. 3W.—Capacity 16 cu. ft. Weight 815 lbs. Track 5 ft. 1½ in. Diameter of wheel 46 in. . . . . . . Each 82.00

Scrapers numbers 1P to 3W not carried in stock; shipped from factory direct.

"STERUNG BRAND FOR QUALITY STANDS"

## CHAIN LINKS SWIVELS AND HOOKS SIDE LAP LINKS

REPAIR LINKS



Bright. Open end. Inches..... \$ 1.40 Per gross..... 1.60 2.20 er gross....... \$ 1.40 1.60 2.20 3.4  $\frac{1}{16}$  and  $\frac{1}{4}$ , one-half gross; balance  $\frac{1}{4}$  gross in a box. 3.00

COLD SHUTS



Cold Self-colored. Inches..... Per gross.... \$ 3.50 6.00 4.50 9.00 13.00 In bulk.

CONNECTING LINKS



Polished connecting links. Strong and durable. Nos... 2530H 2530A 2530B 2530C 2530F Diameter, inches 3/8 1/4 16 1/2 Box contains, dozen 2 Per dozen..... \$ .70 -80 1.20 2.00 3.50

KEYSTONE LINKS



Keystone. Drop forged from bar steel. Inches..... 3.00 Per dozen.... \$ 2-20 2.50 9.00 4.50 11.00 One dozen in a box.



No. 279.—Grab hooks or logging dogs. Forged from high grade steel. No. 2 size weighing about 21/2 pounds each and designed for trailing hardwood, as well as being the popular size for soft wood....Per dozen \$ 8.00 In bulk.



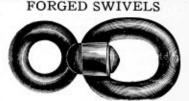
Lap links. Open side. 1/2×21/2 Inches..... %x3 1.50 Per dozen..... -80 1.00 LAP RINGS

Bright. Lap rings. Inches..... 1/2 X21/2 5/8×21/2 1.40 %x3 1.60 1/2 x2 1/2×3 Per dozen... \$ .80 .90 1.00 In bulk.

MALLEABLE SWIVELS



Chain Pattern. Self colored. In bulk. Per dozen No. A.— $\frac{1}{4}$  in. round,  $\frac{1}{4}$  in. eye,  $\frac{2}{3}$  in. long \$1.20 No. B.— $\frac{1}{16}$  in. round,  $\frac{1}{4}$  in. eye,  $\frac{2}{4}$  in. long 1.50 No. C.— $\frac{3}{4}$  in. round,  $\frac{1}{2}$  in. eye,  $\frac{4}{4}$  in. long 2.00 No. D.— $\frac{1}{16}$  in. round,  $\frac{5}{8}$  in. eye,  $\frac{4}{4}$  in. long 2.50 No. E.— $\frac{1}{16}$  in. round,  $\frac{3}{4}$  in. eye,  $\frac{4}{4}$  in. long 3.00



Forged steel swivels for logging or heavy work. No. 1195.—½ inch Per dozen \$ 6.00 No. 1196.—¾ inch 8.00 No. 1197. 3/4 inch . . . . . 10.00 In bulk.

LOG CHAIN HOOKS





Grab Nos. 2 and 3 Round Nos. 9 and 10 Forged from best soft steel and made standard pattern. 2.70 2.40 No. 10 .- For 3/8-inch chain ..... In bulk.

7-14-2

2.72



No.

## CHAIN AND CHAINS

PROOF OR CABLE



Diameter, inches..... Proof test, pounds... 1000 1500 2600 6500 8000 9500 13500 18500 24000 Weight, 100 feet, pounds...... 50 75 110 160 200 265 325 420 1000 Per pound ...

BB about 10 per cent. stronger; BBB about 25 to 30 per cent. stronger; dredge about 40 to 50 per cent. stronger than proof or cable, furnished when ordered at ruling market prices.

#### GERMAN COIL CHAIN

#### GERMAN MACHINE CHAIN





German Coil Chain. Bright Finish.

Per 100 ft. No. 3-0.—Diameter of links about 3-inch. Heavy \$ 11.00

No. 2-0 .- Diameter of links about is-inch. Light, 10.00 2.—Diameter of links about 1/8-inch...... 7.20100 feet in a package.

German machine chain. Twist Link. Bright Finish No. 3-0.—Diam. of links about 3-rnch. Heavy.... \$ 14.00 No. 2-0.—Diam. of links about 18-inch. Light..... No. 1-0.—Diam. of links about \$2-inch. Heavy.... 100 feet in a package.

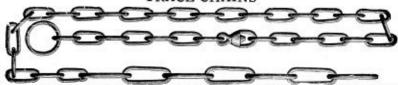
#### LOG OR BINDING CHAINS



Pattern 120. Self-colored. With swivel, grab and slip hook.

-fg-inch chain, 14 feet long ..... Each \$ 2.50  $-\frac{1}{16}$ -inch chain, 16 feet long..... 2.70 No. 384 .- 3%-inch chain, 14 feet long, 3.00 -%-inch chain, 16 feet long......

### TRACE CHAINS



Every chain tested. Actual number of Elweltra trace chains. Electrically welded. 1/4-inch links, bright finish. links per foot as indicated.

> 36-8-2 -88

Sizes Per pair ..... 7-8-2 7-10-2 7-12-2 1.50 1.68 2.20

BUTT CHAINS

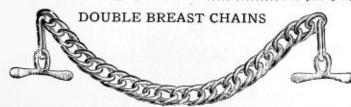
Elweltra butt chains or half traces. Electrically welded. 14-inch links. With straight links, ring and swivel. Actual number of links per foot as indicated.

30-8-2

SINGLE BREAST CHAINS

Single breast chains. Electric ally welded. With T bars. 1/4-inch links. Every chain tested.

-26 inches long. 8 links to foot..... Per pair \$ .75



Double slack twist breast chains. With T bars. 1/4-inch links. 



No. 220 .- Length 28 inches. Snaps and chain complete. C. plate. Breast chain. Simply drop or take up one or more links to shorten or lengthen the chain as required. Pair \$ 2.50 Two pairs in a box.

STERUNG BRAND FOR QUALITY STANDS"



## NECK YOKES



## TUBULAR STEEL SINGLETREES



## TUBULAR STEEL DOUBLETREES



No. 1050.—Doubletree, 33 inches; singletrees 28 inches.
No. 1051.—Doubletree, 36 inches; singletrees 30 inches.
No. 1052.—Doubletree, 36 inches; singletrees 32 inches.
When ordering state whether rings or hooks are desired for trace attachment.





No. 1022.—Evener, 46 inches; singletrees 34 inches.
No. 1023.—Evener, 48 inches; singletrees 36 inches.
No. 1024.—Evener, 52 inches; singletrees 36 inches.
Furnished with either rings or hooks for trace attachment as desired.



No. 973.—Evener, 48 inches; whiffletrees 36 inches. For wheeled scrapers and dump wagons. Center bearing on
evener has broad flat surface to prevent tilting.
All tubular steel doubletrees illustrated above have hand forged links and hooks; are designed to withstand
rough usage, and are guaranteed to give satisfaction in the respective lines as recommended.



## CLIPS

#### SINGLETREE SETS



#### STRAIGHT END



#### WELDED END



#### WELDED END WITH RING



 Nos.
 40
 41
 42
 43

 Size round part, ins.
 1/2
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### WELDED END WITH HOOK



#### DOUBLETREE SETS



#### STRAIGHT CENTER



#### WELDED CENTER



### WELDED CENTER WITH RING



## WELDED CENTER WITH HOOK



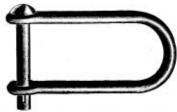
"STERUNG BRAND FOR QUALITY STANDS"

-101/2

.12

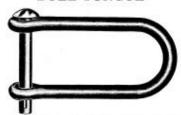
## WROUGHT CLEVISES

KEY PIN



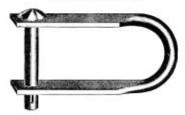
• 110.—Key pin. Made from ¾x¾-inch oval steel. Inside measurements 4x2 in. Per pound \$ .10½

BULL TONGUE



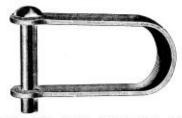
No. 115.—Bull tongue. Made from ½, ¼ or 5% inch round steel. Inside measurements 6x2½ inches......Per pound

LOUISVILLE



No. 120 .- Louisville. Made from 1x1/4-inch steel. Inside measurements 6x21/2 inches Per pound .101/2

LOCK PIN



No. 125 .- Lock pin. Made from 7c-inch steel. Inside measurements 31/2x2 inches. Per pound .101/2

SCREW PIN



No. 130.—Screw pin. Made from 1/4-inch steel. Inside measurements 31/2x2 inches. Per pound MALLEABLE CLEVISES

No. 2820S



No. 2820S .- Malleable end. %-inch wide inside. Entire length 4 inches ... .Per pound \$ .12

No. 2810S



No. 2810S .- Malleable end. Screw pin. 1 inch wide inside. Entire length 31/2 in .. Per pound .12

Nos. 335S and 379S



No. 335S .- Malleable doubletree. Ribbed pattern. Screw pin, 2 inches wide inside. Entire length 41/2 inches......Per pound

No. 379S .- Malleable doubletree. Ribbed pattern. Screw pin. 21/2 inches wide inside. Entire length 6 inches......Per pound

WAGON BOX STRAP BOLTS



14x1/2 Per set..... \$ .80 .90 .95 1.05 1.15 Size, inches...... 10x9-16 12x9-16 14x9-16 16x9-16 10×5/8 Per set..... 1.15 1.35 \$ 1.05 1.25 1.00 Size, inches..... 12x5/8 20x5% 16x5/8 1.45 18x5/8 Per set...... \$ 1.15 1.30 1.60 1.75

A set consists of 8 bolts.

WAGON SEAT SPRINGS



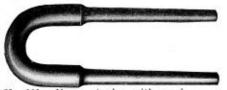
-Seat springs. 2 leaf. Length 26 inches. 

STERUNG BRAND FOR QUALITY STANDS"



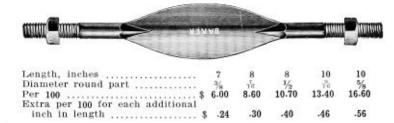
## WAGON HARDWARE

#### HAME STAPLES

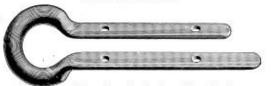


No. 960 .- Hame staples with washers. 3% inch round part, 3½ inches long. Per doz. \$ .50 Two dozen in a box.

### AXLE CLIPS



#### HAME CLIPS



No. 982.--Hame clips. Two hole. Length 4 inches, 3/8 inch round part, 1/2 inch flat part. Per dozen Two dozen in a box.

### FELLOE CLIPS



Felloe Clips .- For 1, 11/8, and 11/4 felloes .. Per lb. \$ .12

-Hame clips. Three hole. Length 61/2 No. 984.-Two dozen in a box.

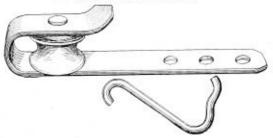
### HAME RIVETS



Sof	t iron	H	h	a	11	16	9	1	ci	٧	e	t	s	Ų,		N	V	0		7	*	ş	(8	11	1	g	e	9	W	i	Г	ė.	Re	)1	and	l	iea	ıd.
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## MINE SUPPLIES

### COKE ROLLERS



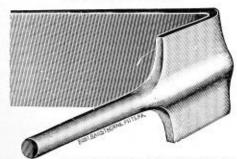
Sterling .- Coke rollers, Dinsmore pattern. wheel, long strap. Built for service. Complete with hooks ...... Per dozen \$ 9.00

### ANGLE SHEAVES



No. 225 .- Angle Guide Sheaves. For mine and quarry use...... Each \$ 5.00

### COKE SCRAPERS



-Forged steel scraper head. Uniform size and approved shape. Weight about ..... Each \$ 1.70 17 pounds ......

#### GUM WOOD ROLLERS



Gum Wood Rollers for inclines; 4, 5, 6, 7, 8, 9 or 10 inches in diameter. 6, 8, 10, 12, 14, 16, 18, 20, 22, 24 and up to 48 inches in length. Made with or without gudgeons. Prices quoted on receipt of specifications.

#### BRATTICE CLOTH

Brattice Cloth. For mine use. No. 750.-36, 48, 60 or 72 inches wide. Per sq. yd. \$ No. 750.—84 inches wide ..... .30750 .- 96 inches wide ...... .32 No. 1177.—36, 48, 60 or 72 inches wide. .27

No. 1177.—84 inches wide ..... .28 In rolls containing about 50° lineal yards. Sold only in full rolls.

STERUNG BRAND FOR QUALITY STANDS"

No.

## LUBRICATING OILS

### RUDDY HARVESTER



Especially adapted for use where a heavy oil is made necessary by loose bearings. Contains no injuri-ous acids and is only slightly affected by changes in temperature.

Ruddy Harvester.—In barrels ...... Per gallon \$ .30 Ruddy Harvester.—In ½ barrels ...... " .33

#### STANDARD GAS ENGINE OIL



Does not char or carbonize. Will lubricate all parts of the engine.

Standard Gas Engine.—In barrels .... Per gallon \$ .36 Standard Gas Engine.—In ½ barrels ... .39

### RENOWN ENGINE OIL



For electrical and high speed machinery; dynamos, motors, separators, etc. Will run journals cooler than any other oil.

#### ELDORADO ENGINE OIL



A heavy bodied viscuous oil. Especially adapted to open journals, line shafting, etc., where a sticky oil is required.

### ATLANTIC RED OIL



An excellent engine oil for all types. Well adapted 

### CAPITOL CYLINDER OIL



Leading brand of cylinder oil. Used with success on all types of steam engines.

Sold only in packages as listed-barrels containing about 50 gallons, ½ barrels about 30 gallons. No charge for package.

# TERLIN

# UNION CARBIDE



Packed in Gray Drums with Blue Bands Capacity 100 lbs. No. 100



Packed in Gray Drums with Blue Bands Capacity 100 lbs. No. 200



UNION CARBIDE Nos. 6 and 61/2



acked in Gray Cans with Blue Bands Capacity 2 lbs. No. 24

Calcium Carbide is a manufactured product—a chemical compound consisting of lime and coke fused together in the electric arc furnace. The contact of water with carbide generates acetylene gas which when lighted produces the beautiful acetylene flame. Largely used in miners and automobile lamps.

The carbide is packed in steel drums or cans. Care should be taken to keep the stock in a dry place and the cover tightly on in order to keep the moisture from affecting the contents.

Scientific experiments as well as practical tests, covering a very wide field, prove that the size now offered and known as "Miners Lamp" is the ideal carbide for use in miners' lamps. Highest efficiency and greatest economy will be obtained by specifying and using Union Miners Lamp Carbide for this purpose.

No. 100.—Miners lamp. Size of grain \(\frac{1}{4}\x\frac{1}{2}\x\frac{1}{2}\). In 100 pound drums.

No. 200.—Automobile. Size of grain 1 inch. In 100 pound drums

No. 6.—Automobile. Size of grain 1 inch. In metal cans containing 10 pounds each. Six in a case, Per case \$ 6.00 No. 6\(\frac{1}{2}\xs\cdot\). Miners, bicycle or automobile. Size of grain \(\frac{1}{2}\xs\cdot\) in a case, Per case \$ 6.00 No. 6\(\frac{1}{2}\xs\cdot\). Miners, bicycle or automobile. Size of grain \(\frac{1}{2}\xs\cdot\) in a case, Per case \$ 6.00 Per case .Per case 6.00

No. 24.-Per case . . .. 5.75

Not carried in stock; shipped from nearest warehouse to point of destination. Sold only in full cases as quoted-we do not break cases.

# MINERS SUNSHINE





Miners Sunshine. An illuminant that gives less smoke than Miner's oil. Produces about twice as much light as either Lard or Cottonseed oil. Gives a large white flame practically smokeless. Cannot be adulterated and no waste from leakage. Can be used in the closest workings. Easy to handle being in wax form and will burn as long as high grade Sperm Oil, Miner's Lard Oil or Cottonseed Oil. Gives the best light at the same time protecting the health of the user. As there is no waste by leakage and account of convenience in handling is largely in use through the mining sections.

No. 877.—Case contains 100- 1 lb. cakes 8 8.25 No. 876.—Case contains 5-10 lb. cartons No. 875.—Case contains 5-10 lb. tins . . . 3.45 44 4.28 No. 868.—Case contains 12 - 6 lb. tins Barrels contain about 375 pounds 6.30 .....Per 1b. No. 375.-.06 No. 175.—Half barrels contain about 175 pounds .06 No. 32.

# ACETYLENE MINER LAMPS







No. 32 No. 30 Brass body.

Fitted with number 2 round reflector 2 inches in diameter and of great concentrating

Brass body. Fitted with number 2 round reflector 2 inches in diameter and of great concentrating power. Weight charged 5 ounces. Height 3½ in. Consumes 8 ounces of carbide in 10 hours and gives light of from 14 to 18 candlepower. Extra carbide container furnished with each lamp........Each \$ 2.00 Brass body. Fitted with number 2 round reflector, 2 in. in diameter. With screw top wire shut off attachment. Weight charged 5 ounces. Height 3½ inches. Consumes 8 ounces of carbide in 10 hours and gives light of from 14 to 18 candlepower. Extra carbide container furnished with each lamp. Each \$ 2.00 Brass body. Fitted with round reflector 2 inches in diameter. Weight charged 5 ounces. Height 3½ inches.

SUPERINTENDENT



Per dozen..... \$ 4.80



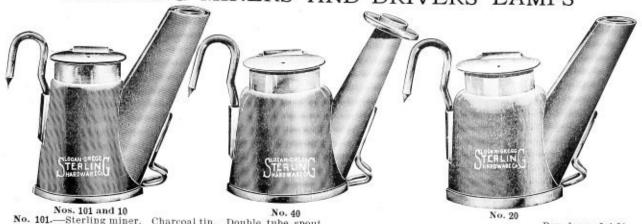
No. 36R. —Raking Wire. For lamps 36 or 38......

No. 38. —Brass body. Fitted with No. 3 reflector, 3 inches in diameter. Weight charged 10 ounces, burning on one charge 5 hours. Height 4½ inches. Extra carbide container furnished with each lamp. Each \$ 4.00 No. 36. —Galvanized iron body. Fitted with No. 3 reflector, 3 in. in diameter. Weight charged 12 ounces. Burning on one charge 6 hours. Height 6½ in. Extra carbide container furnished with each lamp....Each \$ 4.00 One in a box.

No. 36E .- Extra carbide containers. Suitable for No. 36 lamp



# STERLING MINERS' AND DRIVERS' LAMPS



No. 101.—Sterling miner.

No. 101.—Sterling miner.

No. 102. Sterling miner.

No. 103.—Sterling miner.

No. 104. Sterling miner.

Charcoal tin. Double tube spout.

Charcoal tin. Copper lined Double tube spout. "Miners' Sunshine" Per dozen 3.50

3.50

No. 20.—Sterling miner.

No. 20.—Sterling miner.

Copper body. Double tube. Tin outer tube, lid and hook. Adapted to use "Miners' Sunshine" and the most serviceable lamp ever produced Per dozen 4.50



No. 102
No. 102
No. 102
No. 102.—Sterling miner. Charcoal tin. Double tube spout. Large lamp and spout.
No. 101D.—Sterling driver. Charcoal tin. Double tube spout.
No. 10D.—Sterling driver. Charcoal tin. Copper lined throughout. Double tube spout.
No. 20D.—Sterling driver. Copper body. Double tube. Tin outer tube, lid and hook. Adapted to use "Miners' Sunshine" and the most serviceable lamp ever produced.

No. 20D.—Sterling driver. Copper body. Double tube. Tin outer tube, lid and hook. Adapted to use "Miners' Sunshine" and the most serviceable lamp ever produced.

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No. 20D.—Sterling driver. Copper body. Double tube. Tin outer tube, lid and hook. Adapted to use "Miners' Sunshine" and the most serviceable lamp ever produced.





No. 40D. —Sterling driver. All brass except lid and hook.

Single tube spout with drip cup..........Per dozen \$ 4.00 No. 200DR.—Sterling driver. With reflector. Per doz. 4.00

Distinctive sterling features; full sized bodies and spouts; indestructible hinge—no solder used, the lid crimped to a brass collar and the collar in turn double seamed to the body; wire wick knocker and flat hook cleat. Highest grade material and workmanship throughout and every lamp absolutely guaranteed. Illustrations about two-thirds actual size.

One dozen in a box.

# ANTON MINERS' AND DRIVERS' LAMPS



No. 1	Nos.	. 2 and 10A	No. 3		
No. 1Anton Star Miner.	Charcoal tin. Double	tube spout	Per	dozen	\$ 2.20
No. 2. —Anton Star Miner.	Charcoal tin. Double	tube spout. Larger Lamp and Spout	Accessors and the second		2.70
		lined throughout. Double tube spout.			
					4.00
No. 3. —Anton Eagle Miner.	Charcoal tin. Single	tube spout with drip cup			3.00





No. 3D. —Anton Eagle Driver. Charcoal tin with brass collar. Single tube spout with drip cup. Per dozen \$ 4.00
No. 4D. —Anton Eagle Driver. Brass body. Single tube spout with drip cup. 4.50
No. 10DA.—Anton Eagle Driver. Brass body, single tube copper spout and drip cup. Copper bottom.
Adapted to use "Miners' Sunshine". 5.50
One dozen in a box.



# MINERS' LAMPS

FROSTBURG MINER



No. 905.—Frostburg Miner, Double tube spout Per dozen...... \$ 1.50

MONONGAHELA VALLEY MINER



BRASS SCREW TOP MINER



DUNLAP MINER



CARBON OIL MINER



No. 950.—Carbon Oil Miner. Straight brass tube. Per dozen...... \$ 2.70 DRIVERS' LAMPS
FROSTBURG DRIVER



No. 906.—Frostburg Driver. Double tube spout.
Per dozen.....

MONONGAHELA VALLEY DRIVER





No. 903.—Dunlap Diver. Seamless. IX plate throughout. No solder used. Single tube spout. Each lamp in carton. Per dozen \$ 4.00

DUNLAP REFLECTOR DRIVER



No. 904.—Dunlap reflector Driver. Seamless, IX plate throughout. No solder used. Single tube spout. Reflector riveted on. Each lamp in carton..........Per dozen \$ 5.00 All Lamps one dozen in a box.

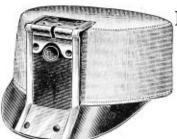
STERUNG BRAND FOR QUALITY STANDS

# OILED CLOTHING

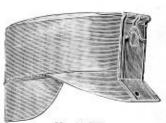


110. 001	-103. 4001 102 to 100		11001 1001 1011 101 10 100		
No. 100 Manhattan	brand slickers.	Yellow	 	er dozen	\$ 37.50
No. 102.—Challenge	brand slickers.	Yellow	 	46	31.50
No. 103.—Challenge	brand slickers.	Black	 	44	33.75
					24.75
					18.75
					16.50
					17.25
No. 400 Manhattan	brand apron par	nts. Yellow	 	44	18.75
					19.50
					16.50
					17.25
					7.20
					4.50
No. 601.—Squam Ha			*************	44	4.50

Oiled clothing is made double of cctton cloth or sheeting covered with numerous applications of linseed oil which makes the goods water-proof. Will not become sticky and withstands the humid influences of warm climates as well as having wearing qualities in cold regions. Manhattan brand is strictly first quality and fully guaranteed. Challenge brand is well water-proofed. The hats are carefully made. The entire line is made along the most approved patterns, the trimmings being serviceable and neat. Assorted medium and large sizes—in ordering specify which wanted.



# MINERS' CAPS



# MINERS' BELTS

One dozen in a box.





# WORKING GLOVES AND MITTENS



No. 1.—Band top. 8 oz. Husking cloth.....Per dozen pairs \$1.50

No. 2.—Band top. 10 oz. Husking cloth....Per dozen pairs 1.70

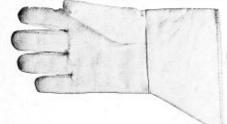
No. 3.—Band top. 12 oz. Canton flannel...Per dozen pairs 2.40



No. 4.—Knit wrist. 8 ounce. Husking cloth. Per doz. prs. \$ 1.80 No. 5.—Knit wrist. 10 ounce. Husking cloth. Per doz. prs. 2.00 No. 6.—Knit wrist. 12 ounce. Canton flannel. Per doz. prs. 2.70

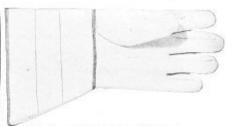


No. 7.—Band top. 8 oz. Husking cloth. With leather finger and thumb tips. A very serviceable glove. Per dz. prs. \$ 2.40





No. 18.—Lined gauntlet. Leather face. 14 oz. Canton flannel. 4½-inch cuff. Extra strong and serviceable. Per dozen pairs......\$ 4.80





No. 11.—Band top, reversible. 10 oz. Cloth....Per doz. prs. \$ 1.80



No. 12.—Knit wrist, reversible. 10 oz. Cloth..., Per doz. prs. 2.00



No. 13.—Gauntlet, reversible. 10 oz. Cloth...Per doz. prs. \$ 2.50

Numbers 11, 12 and 13 are made with the thumb exactly in the center, so that they fit either hand, giving double service and preventing odd left-overs in stock.



No. 14.—Band top. 8 oz. Canton flannel. Women's or boys' size. Per dozen pairs.... \$ 1.70

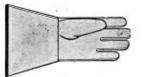


No. 15.—Knit wrist 8 ounce Husking cloth. Women'sor boys' size. Per dozen pairs. \$ 1.80



Knit wrist, Heavy weight Jersey.

No. 16.—Tan color. Per dozen pairs. \$ 2.50 No. 17.—Black color. Per doz. pairs 2.50



No. 21. — Calumet gauntlet. Silk mohair — vulcanized rubber on a heavy duck back. Rainproof. Extra quality gloves. Dz. prs \$ 7.00





No. 20.—Knit wrist mitten. Striped ticking of heavy weight. Lined. Made heavy throughout. Per dozen pairs \$ 3.00



All gloves cut full size, large and roomy. Full weight cloth as noted and carefully made. One doz. pairs in carton.

"STERUNG BRAND FOR QUALITY STANDS"

# POST HOLE DIGGERS

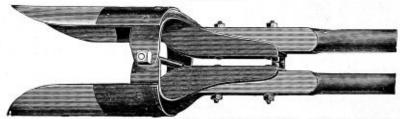
#### CHAMPION



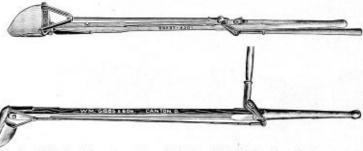
#### INVINCIBLE



#### HERCULES



#### LOCK LEVER



#### UNIVERSAL



#### TAMPING HEAD

THE KLEIN LOSAN GO

STERUNG BRAND FOR QUALITY STANDS"

# POST HOLE AUGERS

# DRAIN CLEANERS





Adjustable drain cleaners. Push or pull. For finishing tile ditches.

Nos	4	5	6
Inches	4×15	5x15	6×15
Per dozen\$	13.50	14-25	15.00

One-half dozen in a bundle.

# POST MAULS



Iwan post hole auger. Crucible steel blades. Length over all 4 feet. 6 8

Nos..... Inches ..... Per dozen...... \$ 27.00 30.00 One-sixth dozen in a bundle. 30.00

Cast iron mauls. Painted and varnished, and flattened on base. With wood handle.

Nos	14	16	18	20
Weight, lbs	14	16	18	20
Per dozen	\$ 10.80	12.00	13.20	14.40

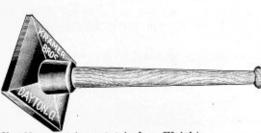
# EARTH OR CEMENT TAMPERS

No. 17 .- Cast iron. 6-inch round. Weight 17 lbs. 4 ft. iron pipe handle . . . .....Per dozen

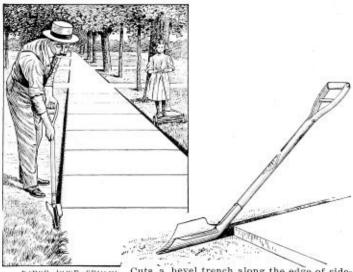
# LAWN SHOVELS



-Cast iron. 8x8 inches. Weight 25 lbs. 4 feet. Iron pipe handle. Per dozen..... \$ 20-25



No. 66.—Cast iron. 6x6 inches. Weight 12 lbs. 4 ft. Maple handle. Per doz. \$ 15.75 No. 88.—Cast iron, 8x8 inches. Weight 13 lbs. 4 ft. Maple handle. Per doz.



Cuts a bevel trench along the edge of siderinch lawn shovel. Cuts a bevel trench along the edge of side-walks and drive-ways. The trench is sufficiently large to allow wheel of mower to run in same. In addition an ideal weed extractor. ........ Per dozen \$ 12.00 No. 800. ..... One-half dozen in a bundle.

STERUNG BRAND FOR QUALITY STANDS"



#### STRAIGHT HAY FORK

Straight Hay Fork. Chucked and Bored.	51/2 51/2 2.50	6 6 2.80
Bent Hay Fork. Chucked and Bored.   Nos.   14½   15   15	15½ 5½ 3.20	16 6 3.50
No. 124.—Length about 4 feet. With strap ferrules and caps. Light pattern		zen \$ 4.50
Long Bent Manure Fork. Chucked and Bored.  Nos Length, feet Per dozen.  LONG BENT MANURE FORK, STRAPPED AND CAP.	134 4 \$ 2-50	$134\frac{1}{2}$ $4\frac{1}{2}$ $2.80$
Long Bent Manure Fork. With Strap Ferrules and Caps.  No. 144. —Length about 4 feet.  No. 144½.—Length 4½ feet.  SOCKET HOE	Per do	zen \$ 4.50 5.50
No. 41/3.—Socket hoe, chucked, 41/3 feet.  MORTAR HOE	Per do	zen \$ 1.70
No. 156.—Mortar hoe, 6 feet, chucked and bored	Per do	zen \$ 4.50
No. 74½.—German hoe, 4½ feet	Per do	zen \$ 4.00
No. 75½.—Garden Rake, 5½ feet. Chucked and bored	Per do	zen \$ 2.20
No. 841/2.—Long bent shovel, 41/2 feet. For plain or strap back shovels	Per do	zen \$ 4.00
No. 94½.—Long patent shovel, 4½ feet. For open or hollow back shovels	_	zen \$ 4.00
No. 96.—Length 6 feet. No. 98.—Length 8 feet.  All Handles one dozen in a bundle.  Sterwing Brand for Quality Stances"	Per de	ozen \$ 2.50 3.00



D BENT SHOVEL



D SPADE



No. 350.—D bent shovel, riveted. Extra grade. For plain or strapped back shovels...... Per dozen \$ 5.25

No. 3358

No. 335S.—D spade, riveted. Extra grade. Per doz. \$ 5.00

COKE FORK

D PATENT SHOVEL

(1)

No. 335.—D patent shovel, riveted. Extra grade. For hollow or open back shovels. ... Per dozen \$ 5.00

No. 650.—Coke fork, riveted. With heavy strap ferrule and cap. Extra selected grade. Per doz. \$ 9.00

D MANURE FORK

MALLEABLE D





D SPADING FORK

All above handles, one dozen in a bundle.

HATCHET

MACHINISTS' HAMMER



Beauty.	Wax finish.	. Each handl	e labele	d.
Nos		14	15	16
Inches		14	15	16
Per dozen		\$ .90	.90	1.20
Sterling. Extra	quality, wa	ax finish. Each	handle	labeled.
Nos		24	25	26
Inches		14	15	16
Per dozen		\$ 1.50	1.50	1.70

BROAD HATCHET

	uty. Wax	finish.	Each	handle	labeled	
Nos	112	114	116	118	120	124
Inches	12	14	16	18	20	24
Per dozen	\$ -80	-90	1.00	1.20	1.40	1.60
Sterling. 1	Extra qual	ity, wax	finish	. Each	handle	labeled.
Nos	214			216		218
Inches	14			16		18
Per dozen,	\$ 1.40			1.50		1.60

RIVETING HAMMER



No. 18.—Beauty. 18-inch. Wax finish. Each handle labeled Per dozen \$ 1.50

No. 28.—Sterling. 18-inch. Extra quality, wax finish. Each handle labeled Per dozen 2.00

No. 210.—Sterling. 10-Inch. Extra quality, wax finish. Each handle labeled................Per dozen \$ 1.50

HUNTERS' HATCHET

 MASON HAMMER

Mason hammer. No. 1 grade. Straight taper.

handle labeled.......Per dozen \$ 2.40

DERRICK HATCHET

ADZE EYE HAMMER

No. 48.—Sterling. 18-inch. Knob end. Extra quality, wax finish. Each handle labeled...Per dozen \$2.40 HAINES' PATTERN HATCHET

文書 TURKIA DAYENDRINONTO HANDLE Co...

No. 23.—Sterling. 13-inch. Extra quality, wax finish. Each handle labeled. For Haines' Franklin or Germantown 316 hatchets,.....Per dozen \$ 1.50 TURNER DAYEN SOLWOOT HANDLE CO.

BRICK HAMMER

Indie labeled. For Haines' Frankntown 316 hatchets.....Per dozen \$ 1.50 No. 212B.—12-in. Adze eye. Extra quality. Per doz. 1.50 Hatchet and hammer handles (except Mason and Brick) one dozen in a paper carton.

"STERUNG BRAND FOR QUALITY STANDS"



#### COAL PICK



StarCoal Pick, 34 inches long.	5 dozen in a case.	Sizes all 2 or 3; or assorted 2 and 3Pe	er dozen	\$ 1.80
Standard.—Coal Pick, 34 inches long.	5 dozen in a case.	Sizes all 2 or 3; or assorted 2 and 3	44	2.40
Superior. —Coal Pick, 34 inches long.	5 dozen in a case.	Sizes all 2 or 3; or assorted 2 and 3	**	4-00

#### SPECIAL COAL PICK



Special Star .- Coal Pick, 34 inches long. 5 dozen in a case. Extra large eye, 3%x1 inch. Plain end .... Per dozen \$ 3.00

#### CLAY PICK



Diamond A.—Clay	Pick, 36 inches long.	2 dozen in a casePer	dozen	\$ 2.70
Standard. —Clay	Pick, 36 inches long.	2 dozen in a case	44	3.20
Superior. —Clay	Pick, 36 inches long.	2 dozen in a case	14	5-00

#### STONE PICK

#### SLEDGE

Commission of the Commission o			200
Star. —Sledge, 36 inches long.	2 dozen in a case	Per dozen	\$ 2-2
Diamond.—Sledge, 36 inches long.	2 dozen in a case	44	2.7
No. 1. —Sledge, 36 inches long.	2 dozen in a case	44	3.5
Extra. —Sledge, 36 inches long.	2 dozen in a case	44	5.0

#### NAPPING HAMMER

The same of the sa	

Extra.—Napping Hammer, 36 inches long. 2 dozen in a case	Per dozen \$ 3	3.50 3.00
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#### MAUL

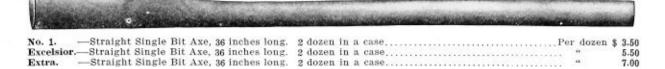




#### SINGLE BIT AXE

		7
A STATE OF THE PROPERTY OF THE		
No. 2. —Single Bit Axe, 36 inches long. 2 dozen in a case	44	\$ 2.80 3.50
Crescent. —Single Bit Axe, 36 inches long. 1 dozen in a paper carton.  Excelsior. —Single Bit Axe, 36 inches long. 2 dozen in a case.  Extra. —Single Bit Axe, 36 inches long. 2 dozen in a case.	46	4.50 5.50 7.00

#### STRAIGHT SINGLE BIT AXE



#### MINER'S AXE



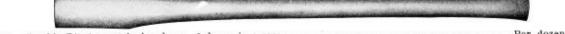
#### BOY'S AXE



#### DOUBLE BIT AXE

The second secon		-	المنح
No. 4 Double Bit Ave 26 inches long	2 dozen in a casePer	dozen	\$ 3.50
No. 1. —Double Bit Axe, 36 inches long.	1 dozen in a paper carton	4	4.50
	2 dozen in a case	64	5.50
Anchor Double Bit Axe, 36 inches long.	1 dozen in a case	64	6.00
Peterson Double Bit Axe, 36 inches long.	2 dozen in a case	**	6.50
Extra Double Bit Axe, 36 inches long.	2 dozen in a case	44	7.00

#### SHORT DOUBLE BIT AXE



#### BROAD AXE



#### ADZE





# PLAIN BACK SOCKET STRAP SHOVELS



D Handle, Socket Strap, Solid plain back, Square point. Cast steel.

Brands	Se	Steri olid Ca	ling st Steel	Hutton Solid Cast Steel				Pe Cast	nn Steel	Major Steel		
	No.	Size	Per Doz.	No.	Size	Per Doz.	No.	Size	Per Doz.	No.	Size	Per Doz.
Black Blades,	112 113 114	2 3 4	\$ 17.00 17.50 18.00	212 213 214 215	2 3 4 5	\$ 15.00 15.50 16.00 16.50	312 313 314 315	2 3 4 5	\$ 12.00 12.50 13.00 13.50	412 413	3	\$ 10.00 10.50
olished Blades				216 212P	6 2	17.00 15.50	316 312P	6 2	14.00 12.50	412P	2	10.50



D Handle, solid plain back, Socket Strap, Round point. Cast steel.

Brands	Sterling Solid Cast Steel			S	Hutton Solid Cast Steel			Penn Cast Steel			Major Steel		
	No.	Size	Per Doz.	No.	Size	Per Doz.	No.	Size	Per Doz.	No.	Size	Per Doz.	
Black Blades	122 123	3	\$ 17.00 17.50	222 223	3	\$ 15.00 15.50	322 323	2	\$ 12.00 12.50	422 423 422P	2 3 2	\$ 10.00 10.50 10.50	



Long Handle, Socket Strap, Solid plain back, Round point. Cast steel.

Brands	Sterling Solid Cast Steel			Se	Hutton Solid Cast Steel			Penn Cast steel			Major Steel		
	No.	Size	Per Doz.	No.	Size	Per Doz.	No.	Size	Per Doz.	No.	Size	Per Doz	
Black Blades Polished Blades	132 132P	2 2	\$ 17.00 17.50	232 232P	2	\$ 15.00 15.50	332 332P	2 2	\$ 12.00 12.50	432 432P	2 2	\$ 10.00 10.50	



Long Handle, Socket Strap, Solid plain back, Square point. Cast steel.

Brands	Sterling Solid Cast Steel				Hutton Solid Cast Steel			Penn Cast Steel			Major Steel		
	No.	Size	Per Doz.	No.	Size	Per Doz.	No.	Size	Per Doz.	No.	Size	Per Doz	
Black Blades Polished Blades	142	2	\$ 17.50	242	2	\$ 15.00	342 342 P	2	\$ 12.00 12.50	442   442 P	2 2	\$ 10.00 10.50	
Size of Blades, Nos. Square Point, Inches Round Point, Inches					2 9½x113 9¼x12 alf doz		3 1×12½ 2×12½ 1dle.	107/	4 %x13½	5 11%x13	1/2	6 12×14	



# HOLLOW BACK SHOVELS



D Handle, Hollow back, Square point. Cast steel.

Brands		Cresc Solid Cas	Orion Cast Steel				Marvel Steel					
	No.	Size	Per	Dozen	No.	Size	Pe	r Dozen	No.	Size	Per	Dozen
Black Blades	0112 0113 0114 0115 0116	2 3 4 5 6		16.00 16.50 17.00 17.50 18.00	0312	2	\$	10-50	0412	2	\$	9.50



#### D Handle, Hollow back, Round point. Cast steel.

Crescent, No	. 0122.—Size 2.	Black blade, 91/4 inches wide	, 12 inches	longP	er dozen S	\$ 16-00
Orion, No	. 0322.—Size 2.	Black blade, 91/4 inches wide	, 12 inches	long	64	10.50
				long	44	9.50



#### Long Handle, Hollow Back, Round Point. Cast steel.

Crescent,	No. 0132Size 2.	Black blade, 91/4 inches wide, 12 inches long	er dozen	\$.16.00
Orion.	No. 0332Size 2.	Black blade, 91/4 inches wide, 12 inches long	**	10.50
		Black blade, 91/4 inches wide, 12 inches long	4.	9.50
		Polished blade, 91/4 inches wide, 12 inches long	44	10.00

# RIVETED BACK STRAP SHOVELS



#### D Handle, Riveted back strap, Square point. Cast steel.



#### Long Handle, Riveted back strap, Round point. Cast steel.

"STERUNG BRAND FOR QUALITY STANDS"



# PLAIN BACK SOCKET STRAP SHOVELS



D Handle, Solid Plain Back, Socket Strap. Solid Cast Steel.

 Sterling, No. 1120.—Size 2.
 Polished blade, 9¾ inches wide, 12 inches long.
 Per dozen \$ 18.00

 Ames.
 No. 2120.—Size 2.
 Polished blade, 10 inches wide, 11½ inches long.
 " 24.00



D handle. All steel, square point. Black blade. Made of one piece warranted cast steel. Easy to handle as no straps or rivets are required in the construction. A very strong and serviceable shovel. Designed especially for use in mills, factories, etc., where exposed to weather.

# MINING MACHINE

Socket strap, plain back. Solid cast steel. Patent thick center.
Malleable D handles.

#### COLLIER BLADES



No. 2C.—Cast steel collier or socket shovels. Capped socket, 8 rivets. Size 9% in. wide, 11% in. long......Per dozen \$ 15.00

#### LIME



Long Handle, Solid Plain Back, Socket Strap, Patent Thick Center. Solid Cast Steel.

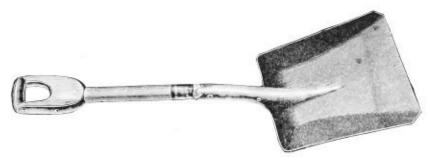
#### TELEGRAPH SPOONS



Long Handle, Long Strap. Solid Cast Steel.



# COAL SHOVELS



D Handle, Hollow Back. Cast Steel. Patent Thick Center. Black Blade. Regular Lift.

Brands	1	Cresc Solid Car			Cast S		Marvel Steel			
	No.	Size	Per Dozen	No.	Size	Per Dozen	No.	Size	Per Dozer	
Black Blades,	151 152 153 154	1 2 3 4	\$ 15.50 16.00 16.50 17.00	350 351 352 353 354 355	0 1 2 3 4 5	\$ 11.00 11.50 12.00 12.50 13.00 15.00	450 451 452 453 454	0 1 2 3 4	\$ 8.50 8.50 9.00 9.50 10.00	

D Handle, Hollow Back. Cast Steel. Patent Thick Center. Black Blade. Half Lift.

Brands		Orion Cast St		Maryel Steel				
	No.	Size	Per Dozen	No.	Size	Per Dozen		
Black Blades	351½ 352½ 353½	1 2 3	\$ 12.00 12.50 13.00	451½ 452½ 453½	1 2 3	\$ 9.00 9.50 10.00		



Split Wood D Handle. Hollow Back. Cast Steel. Patent thick center. Black blade. Regular lift.



Long Handle, Hollow Back. Cast Steel. Patent Thick Center. Black Blade. Kegular Lift.

	Se	Cresce			Orion Cast St	Marvel Steel				
Brands	No.	Size	Per Dozen	No.	Size	Per Dozen	No.	Size	Per	Dozen
Black Blades {	161 162 163	1 2 3	\$ 15.50 16.00 16.50	361 362 363	1 2 3	\$ 11.50 12.00 12.50	461 462 463	1 2 3	\$	8.50 9.00 9.50
Sizes of coal shovel blades, Nos				0	1	2	3		4	5
Wide, inches,				123/4	131/4	141/4	$14\frac{3}{4}$	1	15	15
Long, inches				131/4	133/4	143/4	15	1	16	17

One-half dozen in a bundle.



# **SPADES**



#### D Handle, Solid Plain Back, Socket Strap. Cast Steel.

							Pe	r dozen S	17.50
Hutton,	No. 2212.—Polished	blade, 71/4	inches	wide, 1	2 inches	long		44	15.50
Penn,	No. 2312.—Polished	blade, 71/4	inches	wide, 1	2 inches	long			12.50
Major,	No. 2412.—Polished	blade, 71/4	inches	wide, 1	2 inches	long	**********	11	10.50



#### D Handle, Riveted Back Strap. Cast Steel.



#### Long Handle, Solid Plain Back, Socket Strap. Cast Steel.

Hutton,	No. 3212	—Polished	blade,	71/4	inches	wide,	12	inches long	 Per dozen	15.50
Major,	No. 3412	-Polished	blade,	71/4	inches	wide,	12	inches long	 **	10.50

#### DRAIN SPADES



#### Polished, Plain Back. Solid Cast Steel. Patent Thick Center. Taper from 51/2 inches at the step to 43/8 inches at the point-

Hutton, Nos.	2214	2216	2218	2220
Length, inches	14	16	18	20
Per dozen §	19.50	20.00	20.50	21.00

#### DITCHING SPADES



# Polished, Plain Back. Solid Cast Steel. Patent Thick Center. Spread from 53/4 inches at the step to 63/8 inches at the point.

Hutton, Nos.	2114	2116	2118	2120
Length, inches	14	16	18	20
Per dozen	19.50	20.00	20.50	21.00

One-half dozen in a bundle.





D Handle, Eastern Pattern, Hollow Back. Solid Cast Steel. Black Blades.

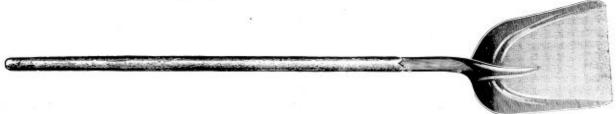
Brands.		Orion. Cast Stee	el.	Marvel. Cast Steel.		
	No.	Size	Per Dozen	No.	Size	Per Dozen
Black Blades	372 373 374 375 376	2 3 4 5	\$ 12.00 12.50 13.00 13.50 14.00	472 473 474 475 476	2 3 4 5	\$ 10.00 10.50 11.00 11.50 12.00



D Handle, Western Pattern, Hollow Back. Solid Cast Steel. Black Blades.

Brands.		Orion. Cast Stee	el. (	+	Marvel. Cast Stee	
Diames.	No.	Size	Per Dozen	No.	Size	Per Dozen
Black Blades	394 395 396 397 398 3910 3912	4 5 6 7 8 10	\$ 13.00 13.50 14.00 14.50 15.00 16.00 17.00	494 495 496 497 498 4910 4912	4 5 6 7 8 10	\$ 11.00 11.50 12.00 12.50 13.00 14.00 15.00





Long Handle, Eastern Pattern, Hollow Back, Solid Cast Steel, Black Blades,

Brands.		Orion. Cast Stee	el.	Marvel. Cast Steel.			
Brands.	No.	Size	Per Dozen	No.	Size	Per Dozen	
Black Blades	382 383 384 385 386	2 3 4 5 6	\$ 12.00 12.50 13.00 13.50 14.00	482 483 484 485 486	2 3 4 5 6	\$ 10.00 10.50 11.00 11.50 12.00	
Sizes of Hollow back scoops, Nos Eastern pattern, inches Western pattern, inches Sizes of Hollow back scoops, Nos Western pattern, inches	11 × 15	13%	3 ,x15½ 7 ,x17 en in a bundle.	4 11½x16 12½x15½ 8 14¼x17½	5 12×16½ 13½×16 10 15×18¾	$\begin{array}{c} 6\\ 121/_4 \times 17\\ 133/_4 \times 16^1/\\ 12\\ 151/_2 \times 19^1/\\ \end{array}$	



# **SCOOPS**

#### FURNACE SCOOPS



#### KOHLER



#### WIRE VEGETABLE SCOOPS



# SIDE WALK SCRAPERS



No. 60.—Blued blade 6½ in, wide. Solid shank. With 4 ft. handle. Light in weight yet serviceable....Per dozen \$ 4.00 One dozen in a bundle.



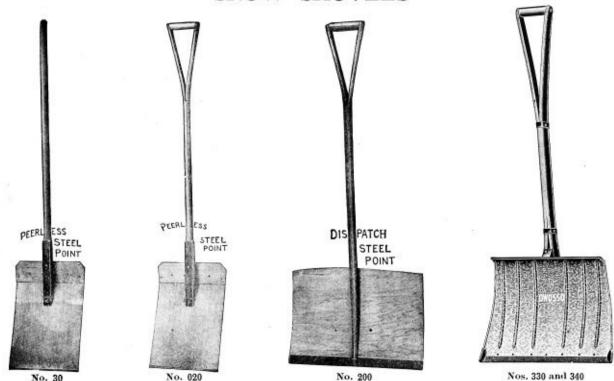


12.00

14.00



# SNOW SHOVELS









# **FORKS**

COKE otsego or diamond.



Blue finish. 30 inch wood D handle. Strapped and	capped ferrule.	Black diamond	tines 17 inches long.	
Nos.	710	712	714	716
Tines	10	12	14	16
Width at center, inches	14	18	201/2	191/2
Space between tines, inches	11/4	11/4	11/4	1
Per dozen	\$ 24.00	28.00	33.00	40.00
One-half doze				

COAL



#### STONE OR BALLAST



#### BARN OR ENSILAGE



#### One-half dozen in a bundle. VEGETABLE SCOOP





# HAY FORKS

2 TINES. BOYS'



No. 2841/2.—2 tines, 81/2 in. long. Plain ferrule. Straight handle 41/2 ft. long, Otsego brand. Gold finish. Per doz. \$ 7.40 One dozen in a bundle.

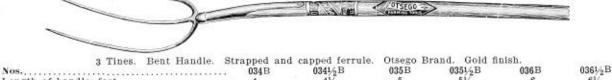
#### 2 TINES. STRAIGHT HANDLE



# 3 TINES. STRAIGHT HANDLE

3 Tines. Straight handle. Strapped and capped ferrule. Otsego Brand. Gold finish. 036 037 ..... 0341/2 035 0351/2 0361/2 038 Length of handle, feet ...... 41/ 5 51/2 6 6½ 16.15 14-65 15.15 ..... \$ 13.75 14.15 Per dozen 17.15 20.15 One dozen in a bundle.

## 3 TINES. BENT HANDLE



#### 3 TINES. BENT HANDLE. BATCHELLER BRAND



## 4 TINES. BENT HANDLE

Post handle Strapped and capped ferrule Otsego Brand, Gold finish.

"STERUNG BRAND FOR QUALITY STANDS"

# MANURE FORKS



| 4 Tines. Bent handle. Strapped and capped ferrule. Otsego brand. Gold finish. | No. 044M. —4 | foot handle | foo











No. 064. —4 foot handle Strapped and capped ferrule. Otsego brand. Gold finish.

No. 064. —4 foot handle Per dozen \$ 31.50

All above forks, one-half dozen in a bundle.



# MANURE FORKS



No. 04D. —4 tines. Malleable D handle. Strapped and capped ferrule. Otsego brand. Gold finish. Per doz. \$ 20.25 No. 04DX.—4 tines. Malleable D handle. Strapped and capped ferrule. Keystone brand. Blue finish... " 18.75

#### 5 TINES. D HANDLE



No. 05D. —5 tines. Malleable D handle. Strapped and capped ferrule. Otsego brand. Gold finish., Per doz. \$ 28.75 No. 05DX.—5 tines. Malleable D handle. Strapped and capped ferrule. Keystone brand. Blue finish., " 26.95

#### 6 TINES. D HANDLE



# SPADING FORKS





# POTATO DIGGING FORKS



No. P06D.—6 polished times. Strapped and capped ferrule. Malleable D handle. Otsego brand. Gold finish, Per doz. \$ 27.50

All above forks, one-half dozen in a bundle.

"STERUNG BRAND FOR QUALITY STANDS"

# FIELD HOES



Solid socket. Blades assorted 6 to 61/2 inches. Handles 41/3 feet.

No. 3.—Otsego brand. Gold finish., Per dozen \$ 15.75 No. 03.—Keystone brand. Blue finish... " 14.75

One dozen in a bundle.



Solid shank. Blades assorted 6 to 6½ inches. Handles 4½ feet.

No. 1.—Otsego brand. Gold finish...Per dozen \$ 14.25 No. 2.—Keystone brand. Blue finish... " 13.25

One dozen in a bundle.

# MORTAR HOES



No. 8.—Solid socket. 10-inch blade. 6 foot handle Otsego brand. Gold finish....Per dozen \$ 27.90 One dozen in a bundle.



No. 6.—Solid shank. 10-inch blade. 6 ft. handle. Otsego brand. Gold finish.....Per dozen \$ 25.40 One dozen in a bundle.





No. 05.—Solid malleable iron socket. Riveted bright steel blades, assorted 6 to 6½ in. Handles 4 to 4½ feet long..... Per dozen \$ 9.50 One dozen in a bundle.

#### LADIES' SOLID SHANK



# WEEDING HOES







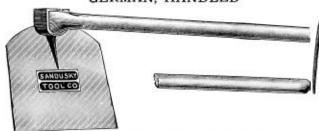


# HOES

GERMAN, HANDLED



MALLEABLE



No. 3-0.—German. Half polished cast steel blade, 6 inches wide, with handles. Per dozen \$ 9.00 No. 4-0.—German. Half polished, cast steel blade, 5½ in. wide, with handles...Per dozen 8.50

STEEL

# One dozen in a bundle. GRAPE, HANDLED



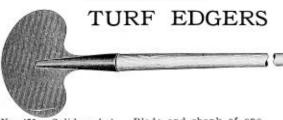


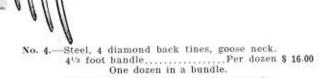
#### SCUFFLE



No. 0.—Socket pattern. Blades 81/2 inches wide and 4 inches deep, riveted to heavy braced malleable iron sockets. 5 ft. handle. Otsego brand. Gold finish........Per dozen \$ 13.00 One dozen in a bundle.







MANURE HOOKS



No. 40.—Solid shank. Polished cast steel blade 8 inches wide, 4 inches deep. 4 ft. handle. Otsego brand. Gold finish....Per dozen \$ 11.50 One dozen in a bundle.





# RAKES

#### MALLEABLE



Malleable iron.	Straight teet	h. Single sha	nks.
Nos	12	14	16
Teeth	12	14	16
Per dozen	\$ 6.00	6-50	7.00
One	dozen in a b	undle.	

# VICTOR

Victor wrought steel. Braced shank. Curved teeth. Ash handles. A very serviceable rake.

Nos	112	114	116
Teeth	12	14	16
Per dozen	\$ 7.00	7.50	8.00

One dozen in a bundle.

#### STEEL, ELECTRIC FORGED



Steel electric forged. Straight teeth. Single shanks. Teeth and head electrically forged into one piece. Selected handles.

Nos,	EF12	EF14	EF16
Teeth	12	14	16
Per dozen	\$ 9.50	10.00	10.75

One dozen in a bundle.

#### CHAMPION



Champion braced steel. Straight teeth, riveted back. Double tang shank, strongly riveted. Gold finish. XX handles.

Nos 12C	14C	16C
Teeth 12	14	16
Per dozen \$ 15.00	16.50	18.00

One-half dozen in a bundle.

#### STEEL, SOLID BOW



Steel solid bow. Curved teeth. Capped ferrule. Solid end bows. Gold finish. Extra grade handles 51/2 to 6 feet long.

Nos B12	B14	B16
Teeth 12	14	16
Per dozen \$ 19.25	20.75	99.95

One dozen in a bundle.

#### ROAD



One-half dozen in a bundle.

#### STEEL, ASPHALT OR TAR

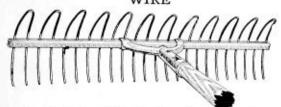


One-half dozen in a bundle.

# LAWN RAKES

WIRE

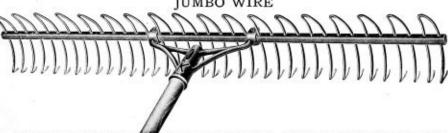




No. 215 .- 24 teeth. Malleable iron bracket cast solid over head of rake. Teeth of No. 9 spring wire. Tinned. 5½ ft. hardwood handle. Reversible and equally useful for grass or leaves. One-half dozen in a bundle.

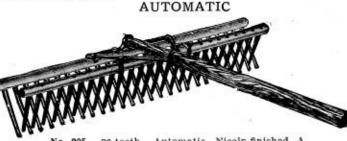
No. 214 .- 24 teeth. Extra wide malleable iron bracket and steel head piece. Teeth of No. 7 spring wire. All nicely tinned. 6 ft. oil finished hardwood handle. An extra heavy and substantial rake throughout. Reversible.........Per dozen \$8.00. One-half dozen in a bundle.

JUMBO WIRE



No. 36.—36 teeth. Width over all 30 inches. Leeth pass through head. Extra heavy bracket. Full tinned finish. Heavy teeth. Reversible for grass or leaves and designed for use in parks or on large lawns. 6 ft. ......Per dozen \$ 12-00 heavy selected handle..... One-half dozen in a bundle.

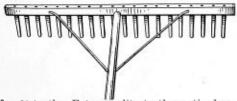
OLE OLSON



No. 400 .- Ole Olson. 26 teeth. Curved head with teeth closely set and clinched. Combines lightness, neatness, strength and dura-...... Per dozen \$ 8.00 One dozen in a crate.

WOOD

-26 teeth. Automatic. Nicely finished. A No. 205 .-



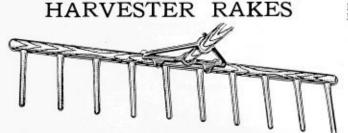
No. 20.-20 teeth. Extra quality teeth mortised securely to head. Wire brace. Good grade handle...... Per dozen \$5.00
One dozen in a bundle.

# HAY RAKES

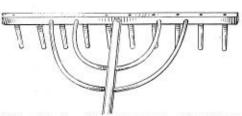


Wood. Mortised head. Wire braced. No. 10.—10 teeth,....

One dozen in a bundle.



No. 211 .- 10 teeth. Harvest or field rake. Malleable iron brace and socket. This permits the rakes to be shipped knock down and requires but little space.....Per dozen \$ 4.00 One dozen heads in a crate; one dozen handles in a bundle.



No. 10W.-Wood. Mortised head. Wood bow braces. 10 teeth. Light and strong. ..... \$ 4.00 Per dozen..... One dozen in a bundle.

STERUNG BRAND FOR QUALITY STANDS

# GARDEN TROWELS AND WEEDERS

GARDEN TROWELS



No. 800.—5 inch steel blade, polished. Socket handle....Per dozen \$ .80 One dozen in a box.





No. 217.—6 inch blade. Shank is straight with blade which for many purposes, such as transplanting, digging weeds and setting out plants and tree seedlings is an advantage. Wood handle with ferrule, Per doz \$ 2.70

One dozen in a box.







No. 200.—Hopkins' weeder. Polished blade with pick end. Handle 18 in. long with heavy ferrule ........ Per dozen \$ 3.50 One-half dozen in a bundle.

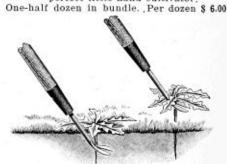
WEEDERS



No. 821.—Weeding or strawberry fork, Malleable iron, Half polished, Wood handles ....Per dozen \$ 1.50



No. 300.—Norcross. Length over all 16 inches. Three prongs, adjustable. Finely finished. A perfect little hand cultivator.



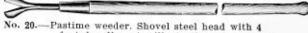
DANDELION SPUDS

No. 150.—Cutter of high carbon steel. By loosen-

ing the bolt the blade can be reversed.

For digging dandelions.....Per dozen \$ 3.00

One dozen in a bundle.



foot handle. As illustration shows extracts the weed with ease at the same time saving the back..........Per dozen \$ 4.00

One dozen in a bundle.

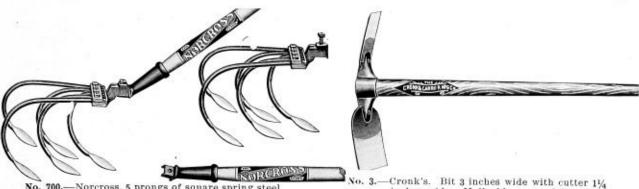


One dozen in a bundle.



# GARDEN CULTIVATORS

# GARDEN MATTOCKS

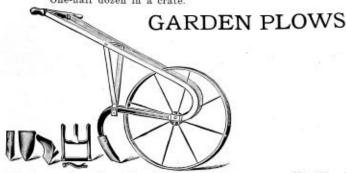


Norcross. 5 prongs of square spring steel with forged shovels at end. Malleable iron frame and clamping bar. 4 ft. ash handle. All prongs adjustable and by the detachable handle feature the cultivator can be disconnected quickly and easily attached to a wheel plow. Finely finished throughout ...... Per dozen \$ 14.00

One-half dozen in a crate.

No. 3.—Cronk's. Bit 3 inches wide with cutter 11/4 inches wide. Malleable eye and hoe steel blades. Polished points, painted body, 41/2 foot handle. Indispensable for farm and garden work, and for use in the nursery 

One-half dozen in a bundle.



No. 3 .- Leader garden plow. Bar handle. Height of wheel 24 inches. So constructed that the center of weight falls directly over pivoting point of the wheel axle, making it selfbalancing. Handle can be raised or lowered to suit operator. Mould-board with land side, shovel, calf-tongue, weeder and cultivator attachments furnished with Steel and malleable iron used throughout ...... Each \$ 4.50

One in a bundle.



No. 150.—Monogram garden cultivator. Single handle with cross bar head. Strong in construction and can be easily adjusted to any height without removing bolts and without tools. Wheel 14 inches in diameter. 3 attachments all made of high grade steel of the latest design and strong and durable are furnished with each. The cultivator is light, weighing but 8½ lbs., (with one attachment in place). The ideal implement for the owner of a small garden in city or town and light enough for a child to operate.

One in a bundle.

# IMPLEMENT RACKS









Japanned Malleable Iron in one Piece.

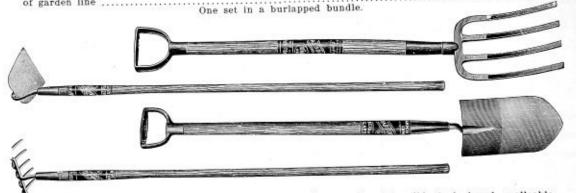
No. 2.—Will hold eight forks or shovels. Size 11x12 inches ..... 8.00 No. 3.—Will hold eight hoes. One arm, 16 inches in length 7.00

Loose; not packed.



# GARDEN TOOL SETS



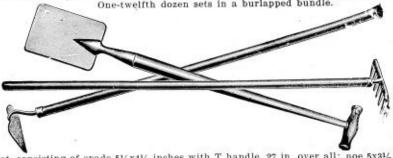


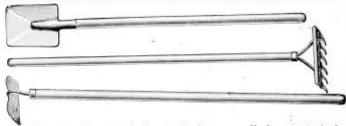


No. 3.—Three piece set, consisting of one each extra quality tools—round point solid steel shovel, malleable iron

D; 6 tooth malleable rake, 4 foot handle; 4 inch steel blade shank hoe, 4 foot handle....Per dozen sets \$ 18.00

One-twelfth dozen sets in a burlapped bundle.







# CORN KNIVES









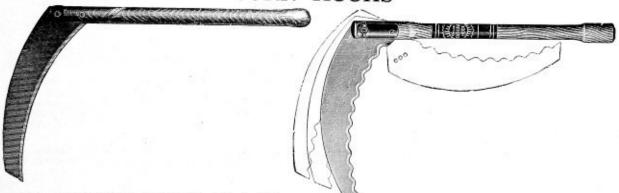


Village Blacksmith.—Hand-made, from best steel; tempered. Length of blade, 16 inches; width, 1½ inches.

Beechwood handle, 7 inches long, fastened to the blade by 3 large brass rivets...Per dozen \$ 6.00

One dozen in a box.

# CORN HOOKS



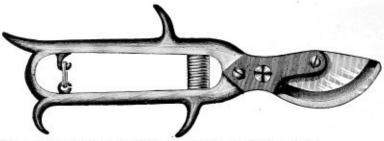
No. 1.—Yankee pattern. Tempered steel blade, full polished. Straight handle......Per dozen \$ 4.00 One dozen in a bundle.

No. 10.—Cut Easy. Adjustable cast steel folding blades, 12 inches long. Tempered steel and serrated edge. Straight handle, Per dozen \$ 5.50 One dozen in a box.



Lightning.—Cast steel, polished and painted; cutting edge, 20 inches long; length over all, 36 inches. Per dozen \$ 13.00 One dozen in a box.

# PRUNING SHEARS

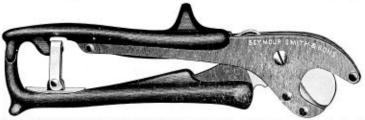






No. 4665.—California pattern, steel spring, black finish, polished blade, extra quality; length 9 inches. Per dozen \$ 6.00

One-half dozen in a box.



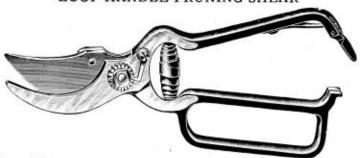


One-half dozen in a box.

"STERUNG BRAIND FOR QUALITY STAINEDS"



# PRUNERS, ETC. LOOP HANDLE PRUNING SHEAR

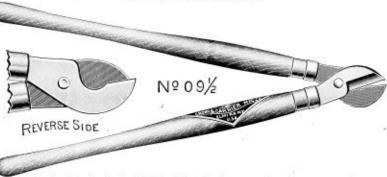


Henry's. High grade improved 1000 5...

nut to take up wear. Length 9 inches.

One-half dozen in a box. No. 6505 .- Henry's. High grade improved loop grip. Blade forged from tool steel straw color finish. Ratchet ......Per dozen \$ 9.00

#### CRONK'S PRUNERS





Wilkinson's Genuine Cast Steel. Polished. Notched. Polished Steel Ferrules. Red Stained Handles. The Blade is notched near the nut to hold and cut large branches.

#### BUSH HOOKS



No. 700.—Cast steel, bronzed. Strap eye bush hook. Light pattern. Complete with 36 in. axe handles, Per doz. \$ 10.50 One-half dozen in a bundle.



WATERS

Waters' Improved, Polished Steel Blades. Simple, Strong and Durable. 

No. 10.-10 " 1.05 -12 " No. 12.-

One-half dozen in a bundle.

Extra blades.—For above....Per dozen \$ 1.80

"STERUNG BRAND FOR QUALITY STANDS"

# GRASS HOOKS





One dozen in a box.





One dozen in a box.





One-half dozen in a bundle.





One-half dozen in a bundle.



# GRASS SHEARS



No. 460.—5½-inch cut. Tempered steel half-polished blades. Tempered steel bows. Black Japanned bows and handles.



No. 200 .- 51/2-inch cut. All steel black Japanned, blades, handles and bows. Trowel shank. Gets close to the work without injury to the hands. One-half dozen in a box. ..... ...... Per dozen \$ 3.00



-51/2-inch cut. Tempered steel half polished blade. Tempered steel bows. Polished shank. Plain bows. Bent pattern. One-half dozen in a box..... 



-6- inch cut. Sterling grade and brand. Full polished tempered steel blades. Polished shanks. Plain tempered bows. Trowel shank. Strictly high grade grass shear at a popular price.......Per dozen \$ 6.00



Border shears. With wheel. Long handle. English steel. Nos.... 1058 1059 Cut inches....

Each . . . . . . . .

quality steel ground and tempered. Malleable iron cast-ings. Ball bearing. For use around flower beds, side-10510 walks, fences or borders and will do any work that can be 10 done with hand shears..... Each \$ 2.25 \$ 3.00 3.50 4.00 One in a package. Three in a crate.

No. 1907 .- Pierce improved lawn trimmer.

Shears of best

STERUNG BRAND FOR QUALITY STANDS"

## SCYTHES









Honest Dutchman.—Painted web. Polished edge. Dutchman pattern. Assorted lengths 28 to 32, 30 to 34 and 32 to 36 inches.

One-half dozen in a box. One dozen in a box.







Bush.—Painted red, cutting edge polished. Assorted lengths 18 to 22 inches. Per dozen \$ 12 00 One-half dozen in a box. One dozen in a box.



The length of a scythe is determined by measuring from outside of heel on a straight line to the point.



# SNATHS AND GRAIN CRADLES





No. 00.—Iron ferrule and patent loop bolt, solid plates, heavy Per dozen \$ 13.50

One-half dozen in a bundle.



### REPAIR PARTS FOR SNATHS







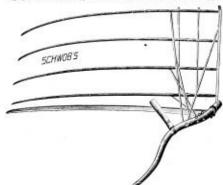
Loop Bolt and Nut Heel Wedge Heel Ring

Loop Bolt. —Malleable iron, threaded with hexagon nut. For snaths number 00. Per dozen \$ 1.70

Heel Wedge.—Plain malleable iron. For snaths numbers 80 and 100. "80

Heel Ring. —Plain malleable iron. For snaths number 100. "1.50

#### SCHWOB'S GRAIN CRADLES



Schwob's.—Champion pattern. Four finger. Selected steam bent snath and cradle. Well finished and braced.
Fingers securely fastened. Complete with clipper grain scythes, assorted lengths........Per dozen \$ 66.00
One-fourth dozen in a bundle.

#### CRADLE FINGERS



"STERUNG BRAND FOR QUALITY STANDS"



Samson. Seasoned hardwood frame mounted with specially selected stone. Each frame is provided with treadle, crank and bucket holder. By using patent fix-tures the flanges are fastened to the stone which simpli-fies the process of setting up. Frame is 23½ inches high, and the stones average from 1¾ to 2¼ inches in thick-

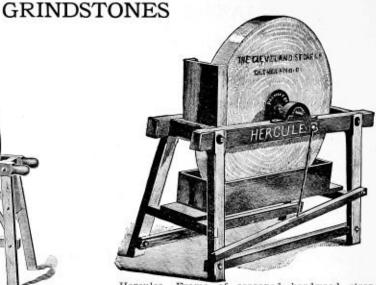
No.	1 Stone weighs	from 100	to 11	o Ibs.	Aver-	
	age diameter	25 inches			.Each \$	6.50
No.	2Stone weighs	from 70	to 8	0 lbs.	Aver-	
	age diameter	22 inches.			Each	6.00
No.	3 Stone weighs					
	age diameter	18 inches		00	Each	5.50



Steel frame constructed of 170 and 11/4-inch heavy steel tubing, securely braced. Double treadle. All rods and bolts are threaded, there being no cotter pins or loose parts and thus permanent rigidity is assured. All castings are malleable iron and heavy malleable hinged top that will not rust out. Provided with large comfortable seat and clothes protector. Fitted on crank and shaft with improved ball bearings. Frame enameled rich vermilion. Mounted with selected stone 19 to 22 inches in diameter and 1¾ to 2¼ inches thick. Knocked down and crated in a strong square package easily handled and requiring little space. The frame folds intact, the shaft and the bearings remain in the stone.

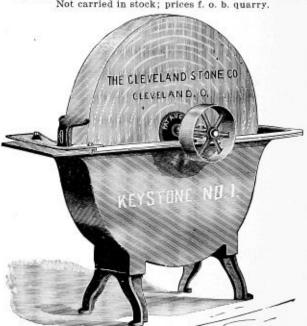
Sterling .- Stone and frame complete ...... Each \$ 7.50

One in a crate.



Frame of seasoned hardwood strongly braced in all directions. Oil and varnish finish. Furnished with crank, treadle, water trough and clothes pro-Mounted with specially selected stone

No. H202.—Stone	24x3	in.	Weight	120	Ibs.	Each	\$ 9.00
No. H204.—Stone	26×3	in.	Weight	140	lbs.	**	10.00
No. H205.—Stone	28x3	in.	Weight	165	Ibs.	411	11.50
No. H207.—Stone	30x3	m.	Weight	185	Ibs.	**	12.00
No. H210Stone	34x3	in.	Weight	240	lbs.	46	14.00
Not corrie	din	took	. nwinee		h		



One piece heavy thick cast trough. Cast Keystone. Adjustable tool rest with drip pan. Fitted with detachable fixtures and fast pulley 12 inches in diameter with 4-inch face. Mounted with specially selected stone.

											Each
No.	406K	Stone	40 in.	diam.	51/6	to	6	in.	thick.	8	51.00
No.	405K	Stone	40 in.	diam.	41/6	to	5		thick.		49.00
	386K							in.	thick.		50.00
No.	385K	Stone	38 in.	diam.	41/2	to	5	in.	thick.		48.00
No.	366K.—	Stone	36 in.	diam.	51/4	to	6	in.	thick.		49.00
No.	365K.—	Stone	36 in.	diam.	41/2	to	5	in.	thick.		47.00
No.	364K.—	Stone	36 in.	diam.	4	to	41/6	in.	thick.		46.00
No.	305K.—	Stone	30 in.	diam.	41/6	inc	hes	thi	ck		39.00
No.	304K.—	Stone	30 in.	diam.	4	inc	bes	thi	ck	3	38.00
No.	303K.—	Stone	30 in.	diam.	31/6	inc	hes	thi	ck		37.00
No.	302K.—	Stone	30 in.	diam.	3	inc	hes	thi	ck		36.50
	Loose p									on	any
of t	he above	at ex	tra lis	t \$3.00							

Not carried in stock; prices f. o. b. quarry.



# GRINDSTONES



No. 3MF,—Millers Falls. Selected Huron stone 14 inches in diameter and with 134-inch face. Japanned iron frame and wood Pitman rod. A very durable and satisfactory stone for jewelers and others who use small tools as well as for houshold purposes....... Each § 9.00 One in a box.



No. 4MF.—Millers Falls. Selected Huron stone 14 inches in diameter and with 134-inch face. Japanned iron frame having four legs, making this a very firm stone. The arbor on which the stone is hung is made of steel. Illustration shows a pulley, but this is not sent regularly and when ordered is at an additional cost. Each \$ 10.00 One in a box.



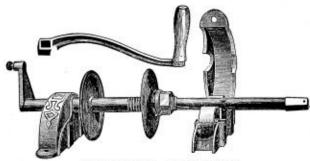
Family. Cast Iron Trough, steel base, shaft and balk bearing. Fitted with selected stones varying from 1 to11/2 inches in thickness. Shipped knocked down.

Nos	7	8	10
Diameter, inches.	7	8	10
Per dozen	\$ 18.00	21.00	27.00
One	e-fourth d	ozen in a hov	

Japanned iron frame. Wood base. Superior quality stone.



# GRINDSTONE FIXTURES



Japanned iron. Incased rollers.

Jupanies			0.755	***		Pe	r Doz.
No. 5315-inch sha	ft. For	stones	11/2	to	31/2	in.	\$ 7.50
No. 5217-inch sha	ft. For	stones	2	to	41/4	in.	8-00
No. 5119-inch sha	ft. For	stones	21/4	to	43/4	in.	8.50
No. 52S Shafts and	nuts on	ly. 17	inch	1			5.00
No. 52C Cranks only	y for 17-	inch fix	cture	es.			2.40
One-1	nalf doze	en in a	box.				

# SCYTHE STONES













Darby Creek.—Round oval shape. Large in center, tapers both ways. Selected Berea grit. Length 9½ in. Per gross \$ 14.40 One-sixth gross in a box.



Carborundum. Rapid cutting. Produces a clean sharp edge. Each dozen in folding paper upright display carton as illustrated. No. 190.—10 inches long..... Per dozen \$ 2.63 No. 191.—12 inches long..... " 3.00 No. 192.—12 in. long, heavy... " 3.00



Carborundum. Rapid cutting. Produces a clean sharp edge. In neat wood display case.

No. 190B.—Contains 3 dozen No. 190 stones above described.......Per case \$7.50 No. 191B.—Contains 3 dozen No. 192 stones above described......Per case 9.00 No. 19012B.—Contains 1 dozen stones each No. 190, 191 and 192, in all 3 doz. assorted as above described...Per case 8.25





Vienna.—Emery, cigar shape. For scythes or household use. Length 9 inches .... Per dozen \$ .60 Three dozen in a package. HYPOLITE WHETSTONES

Chief extens -SRD-ann source

UNUBERTROFFENE QUALITAT





## CALF WEANERS

SHAW







Shaw patent. Tinned steel wire basket shape muzzle. Adjustable heavy tinned wire loop. Russett grain leather straps adjusted by buckle. As illustration shows, the animal can eat and drink, but upon raising the head the muzzle drops over the mouth and prevents sucking.

 No. 1.—6 inches wide; 6 inches long.
 For young calves.
 Per dozen \$ 6.00

 No. 2.—6½ inches wide; 7 inches long.
 For yearlings.
 7.00

One dozen in a box.

RICE





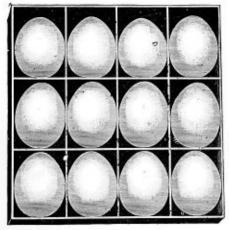
Rice. Tinned steel side plates. Tinned malleable iron centers. Easily attached or detached. No hindrance to either eating or drinking, and does the animal no injury.

# HORSE OR OX MUZZLES



Four dozen in a crate.

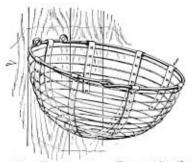
# GLASS EGG NESTS





#### OPAL NEST EGGS.

# HEN'S NESTS



Wire Hens' nests. For sanitarily providing setting hens with nests that are free from vermin and readily changed. No. 17 coppered wire, %-inch mesh.

No. 1.—12 inches in diameter, 6 inches deep Frame of No. 10 wire with 2 rods underneath Per dozen

"STERUNG BRAND FOR QUALITY STANDS











Columbia

Dandy. Eagle. Columbia.-One-half dozen in a bundle.

# BULL RINGS





	Folished copper. Screw driver or key with each	ring.	
No. 2	0.—Diameter 2 inchesPer	dozen	\$ 2.70
No. 2	1.—Diameter 21/2 inches	**	3.00
No. 2	2.—Diameter 3 inches	46	3.50
No. 3		46	4.00
	One dozen in a box.		2.00

# OX BALLS







Cast brass ox balls. With octagon rims, Cuts full size.

No. 12.—Diameter	at	bottom	}}-inch		
Per dozen					1.00
No. 13.—Diameter	at	bottom	¾-inch.		1.20
Per dozen				-	1.20

Two dozen in a box.



-Solid brass bronze. Self-piercing ring. Diameter 21/2 inches. Simply press the sharp point through 

One-half dozen in a box.

# CATTLE LEADERS



Cattle Leaders. Welton's patent. Polished bright with brass wire spring ..

One dozen in a box.



# HOG RINGS



Coppered soft steel wire. Closes into

round shape. 100 rings in a box.
No. 10.—Blair's hog rings... Per dozen \$ 1.50 No. 15 .- Blair's shoat rings . . 1.50 1.50

No. 20.—Blair's pig rings.... "
One dozen boxes in a package.

# HOG RINGERS

BLAIR'S



No. 100 .- Blair's hog ringers. Japanned. Length 7 in. Per doz. \$ 2.00 One dozen in a box

#### HILL'S



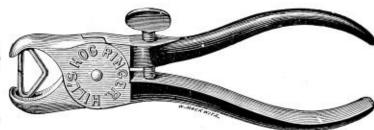






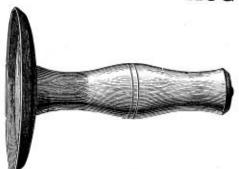


One dozen boxes in a package.

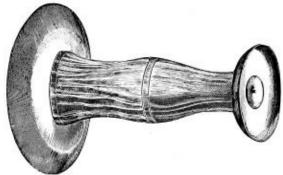


No. 300 .- Hill's hog ringers. With thumb screw adjustment. Japanned. Length 61/2 inches ................................ Per dozen \$ 2.00 One dozen in a box.

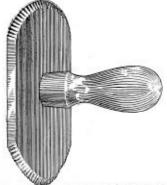
## HOG SCRAPERS



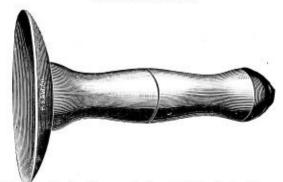
No. 5 .- Tinned iron, with polished edges. With bolt riveted through handle ....... Per dozen \$ 1.60 One dozen in a box.



-Reversible scraper. Galvanized stamped steel. Hardwood handle; small end useful for scraping about head, ears and legs....Per dozen \$ 2.40 One dozen in a box.



No. 75.—Flange. Tinned steel 5½ inches long with pointed end. Crimped edges. The long pointed end makes a convenient scraper for cleaning the head, ears, eyes or any other part of the carcass. Wood handle fastened by bolt. Per dozen \$ 2.00 One dozen in a box.



No. 40 .- Steel, with round edges. With bolt riveted through handle. A heavy and superior article. Per dozen . One dozen in a box.

STERUNG BRAND FOR QUALITY STANDS



### CORN PLANTERS

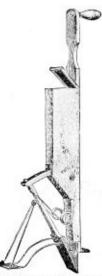
ECLIPSE

SEGMENT

EAGLE ROTARY

AUTOMATIC









Rotary. Furnished with four discs graduating the feed or size of kernel. Two handle. Length over Eclipse. all 34 in. 9-in. sheet steel hopper, 4 in. in diameter. Positive feed and works with ease . . . . Per dozen \$ 13.50 One-half dozen in a crate.

Segment.—Automatic slide type. One hand. Segmental pressed steel slide adjustable for number of kernels, running in steel track. Brush cut-off. Double coil steel spring, adjustable depth gauge, fixed dump lever, galvanized hopper with hinged cover, galvanized spout. Hardwood sides. Finished in vermil-......Per dozen \$ 15.00

Eagle.

American.—Burr Oak automatic. Fitted with adjustable seed disc and spring brass cut-off. The seed rests upon the disc in such a manner as to form a force feed, insuring uniform seeding. The points that penetrate are spread by pressing the handles together and are closed automatically by the spring between the staffs..... One-half dozen in a crate.

# HAND SEED SOWERS



Cyclone



Little Wonder

Cyclone.—Sows all kinds of grain and grass seed perfectly. Fitted with sloping feed board and an oblong hopper which terminates in a metal edge. A steel feed plate oscillates on this which does not allow the feed to become clogged, but makes a positive force feed and insures a uniform flow and even distribution of seed. Supplied with interlock, double flange, non-solder tin distributing wheel and an automatic feed adjustment, so that the seed can be let on or shut off instantly. Heavy duck hopper. Per dozen

Little Wonder.—Strong, rigidly built. Fitted with perfect shake feed plate, slope bottom and non-solder patent distributing wheel. The sack or hopper is made from heavy cotton duck and when filled the machine rests in an easy position in front of the operator. Designed for work with clover, timothy, millet or Each in a carton. One-third dozen in a crate.

"STERUNG BRAND FOR QUALITY STANDS"

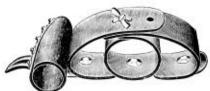
\$ 20.25



## HUSKERS



Three dozen in a box.



One dozen in a box.





No. 33.—Cold rolled steel, polished and nickelplated. Heavy Chrome leather with adjusting strap finished with plated eyelets. A very popular pattern. Per dozen \$ 3.00 One dozen in a box.



No. E.—Forged steel pin, polished and nickelplated. Extra heavy shield finger guard and brass screw adjustment at end of pin. Can be used with glove........Per dozen \$ 4.00 One dozen in a box.



# HUSKING GLOVES



One dozen pairs in a box.





No. X45.—Peccary stock, Chrome tanned leather.
Soft, yet very tough. Fully clad with
steel washers. Steel claws on thumb.
Made to stand rough wear. Per doz. prs. \$ 12.00
One-half dozen pairs in a box.

# FODDER SQUEEZERS



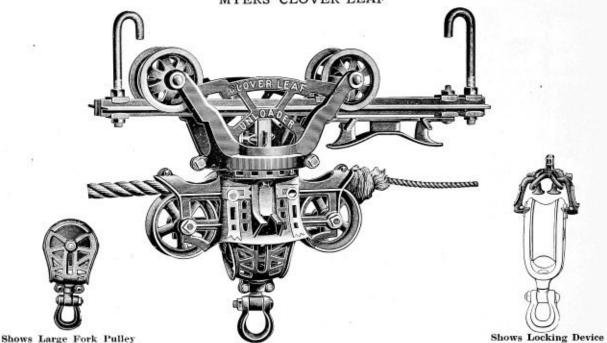
No. 1.—Blair's fodder squeezers. Japanned malleable iron frame and sheave. Length over all 7½ inches. With this instrument one man can do the work of two with greater ease and much more quickly. Not only for tying fodder, but for most all the bulky material in shock or bundle. Without rope. Per dozen. One-half dozen in a box..... \$ 4.00

"STERUNG BRAND FOR QUALITY STANDS"



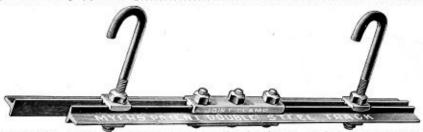
# REVERSIBLE HAY CARRIERS

MYERS' CLOVER LEAF



No. 1031.—Myers' Clover Leaf Carrier. Made entirely of malleable iron. Large track wheels, %-inch turned steel axles. Lock composed of three parts and has no springs. Fitted with wide open mouth to receive the fork pulley when approaching in any direction. Also with swinging fork pulley relieving the carrier of unnecessary strain when working in close quarters. As shown in the illustration the locking device is simple, yet strong.

Each \$ 7.00



No. 1282.—Double steel track. Made of two T rails held together by clamps—no holes in track to weaken. Also supported by hanging hook which has additional clamp. Thus the track may be readily straightened or leveled by simply adjusting hanging hook nut—a feature commending this track to the user. Made in lengths 6 or 12 feet.

Per foot \$ .20

#### HANGING HOOKS FLOOR HOOKS



#### MALLEABLE RAFTER BRACKETS



No. 436.—Malleable rafter brackets. Made with four holes on each side and is held to rafter by using ¼-inch wrought nails. Requires one rafter bracket to each rafter or about every two feet... Per dozen \$ .80

### ROPE HITCHES



No. 376.—Swivel rope hitch. Rope can be released instantly and hitch can be shortened to to any desired length........Per dozen \$ 4.00



# HAY FORK PULLEYS







No. 1267

No. 692 51/2-inch sheave, all iron, with solid axle. The frame is reinforced with heavy ribs on the edge center. For %-inch rope or smaller ... ... Per dozen \$ 4.00 6-inch hard maple sheave, cast fron frame, with 1¼-inch loose pin. Suitable for 1-inch rope or smaller. Per dozen . 4.00 4.50







No. 466 No. 434 -4½-inch wood sheave. Wrought iron support, 1-inch loose pin and malleable swivel eye. Reed's. Per doz. \$
-4½-inch wood sheave. Wrought iron axle support, 1-inch loose pin and steel hook. Reed's...Per dozen
-5½-inch cast iron sheave, revolving on a large axle. Wrought steel frame and malleable swivel eye. No. 466. No. 434. No. 565.





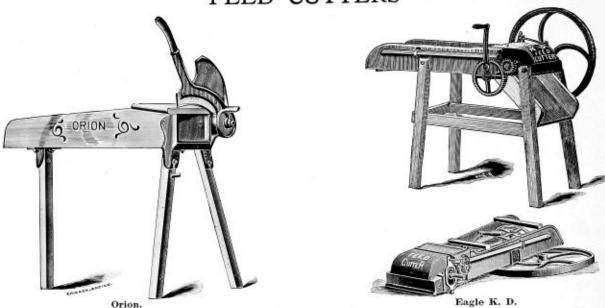


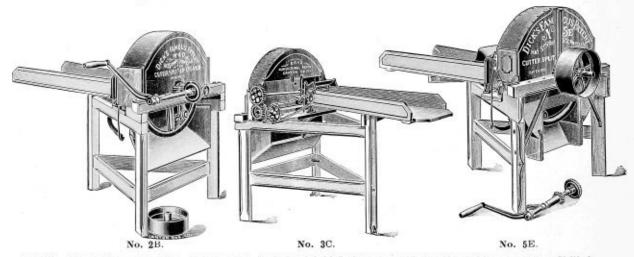
No. 268 Nellis single harpoon fork. Malleable head and wrought steel blade. With spring latch which holds No. 773.the load securely ..... Regular double harpoon fork. 25-inch tines. Length over all 35 inches and width 18 inches. Malleable No. 268.iron trip levers . 2.00 Walker's single harpoon fork. Gathers the grain from the end of the point. Eastern pattern. Sub-No. 271.stantially built throughout ..... 3.00

"STERUNG BRAND FOR QUALITY STANDS"

18.00

# FEED CUTTERS





No. 2B.—Hand Power Machine. Has two 7½ inch steel laid knives secured to adjustable supports. Chilled hardened iron cutting plate. Interchangeable feed gears. Cuts five lengths, viz: ½, ½, ¾, 1 and 1¼ inches. Very light running, handy, durable and strong and will cut any kind of material, from the finest blue grass to the coarsest corn stalks and do it in a first-class manner. Weight 160 lbs. Each \$ 27.00

No. 3C.—Hand Power Machine. Same style as No. 2B but larger and fitted with heavier fly wheel and 1% inch steel shaft. Has two 9½ inch steel laid knives. Cuts five lengths viz: ½, ½, ¾, ¼, ¼, ¼, ¼, ¼, inch steel laid knives. The weight, strength, width of cut and size of fly wheel are all accurately proportioned so as to get the greatest amount of strength and durability with the least amount of friction. Weight 185 ibs. Each

No. 5E.—Hand or Power Machine. A popular style and size. Has hand crank attachment same as No. 4D; it also admits of extra crank attachment making of it a double hand crank cutter. 12 inch pulley; two 13 inch steel laid knives cutting lengths 1/4, 5/8, 7/8, 1 and 13/4 inches. Power required from two to three-horse lever or one-horse tread. When run by power capacity is from 2000 to 2500 pounds per hour varying according to speed, material and length of cut. This machine is well adapted for a limited amount of ensilage cutting, being built strong and cannot be damaged by over-feeding. Weight 350 lbs.

60.00

45.00

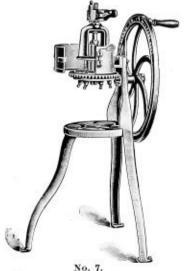


### GREEN BONE CUTTERS









No. 5B.

No. 5BM.

Cylinder 6 inches in diameter, 4 inches deep. Fitted with crank handle. Otherwise about the same No. 5C. 9.75 No. 5B. 12.75

Weight 60 lbs. 

Large open-hinged cylinder,  $7\frac{1}{4}$  inches in diameter,  $5\frac{1}{4}$  inches deep, giving instant access to all working parts. Six special knives, gear guard and anti-clog device. Heavy balance wheel with ad-

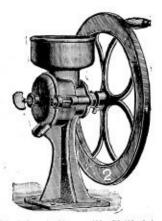
the open-hinged cylinder gives easy access to the knives for adjusting or grinding, and to see if they are broken or dull.

# GRINDING MILLS AND CORN SHELLERS

MODEL

BLACK HAWK GRIST

BLACK HAWK SHELLER





Model grinding mill. Chilled iron grinding burrs. Cast iron cylin-der, hopper and stand. Easily adjusted to grind fine or coarse without the use of wrench or other tools. Can be bolted to bench or table. A good all around mill grinds dry bone, shells, roots, bark, all grains, cereals, etc.

No. 11/2.—Height 13 in. 121/2 in. wheel. Grinds ½ to
1 bu. per hr. Each \$ 3.00

No. 2.—Height 16 in. 16½

in. wheel. Grinds 34 to 2½ bu. per hr......Each

No. 3.—Height 18½ in. 20
in. wheel. Grinds 1 to 2 6.00 bu. per hr......E One in a box. Each 9.00

Black Hawk Grist Mills. Cast iron frame and hopper. Malleable iron crank. Adjustable grinders. With both bolt holes and slots for fastening to bench or table. Grinds from 1 to 11/2 bushels per hour. Will be found invaluable for use on the farm or in the household. Grinds all grains, cereals, etc., as well as coffee, spices, sugar. Makes buckwheat flour.

No. BHG .- Black Hawk Grist Mill. Ea. \$ 3.75

One in a package.



Hawk Corn Clamps to barrel, tub, box or bin. Enclosed hopper and separator, preventing the scattering of the shelled corn. Throws out the cob. Capacity 8 to 14 bushels per hour. The hopper, separator and crank are of malleable iron. The pressure is regulated by a heavy wire coil spring. The crank is long so that a child can operate. Substantially built throughout and easily kept in A1 working condition.

No. 1903.—Black Hawk Sheller ..... Each \$ 2.50

One in a package.

"STERUNG BRAND FOR QUAUTY STANDS"



# SHEEP SHEARS

BURGON AND BALL



Burgon & Ball. Full polished and highly finished. Etched blades, swaged. Single bow. Extra high grade and finish.

One-half dozen in a box.



Burgon & Ball. Full polished and highly finished. Solid steel swaged blades. Double bow.

One-half dozen in a box.



Burgon & Ball. Polished blades and shanks. Swaged blade. Double bow, natural finish.

No. 37626½S.—6½ inch straight blade "15.75

One-half dozen in a box.



Burgon & Ball. Polished blades. Natural finished shank and bow. Swaged blade. Single bow.

 No. 86S. —6 inch straight blade
 Per dozen \$ 15.75

 No. 86 $\frac{1}{2}$ S.—6 $\frac{1}{2}$  inch straight blade
 " 16.50

 No. 85B. —5 inch bent blade
 " 15.00

 No. 85 $\frac{1}{2}$ B.—5 $\frac{1}{2}$  inch bent blade
 " 15.75

One-half dozen in a box.

Burgon & Ball sheep shears are forged from extra quality English steel. Perfectly ground, set and sharpened. Spring tempered bows. Highest grade material and workmanship throughout.

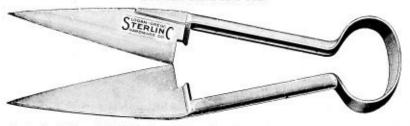


### SHEEP SHEARS

STERLING



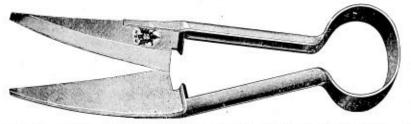
Sterling. Forged steel. Full polished blade and shank. Natural finish spring tempered double	bows.	
No. 376151/2S.—51/2 inch straight blade	dozen \$	12.75
No. 37616S. —6 inch straight blade	44	12.75
No. 376161/28.—61/2 inch straight blade	G.	13.50
No. 3/6166. —5 then bent blade	**	13.50
No. 376151/2B.—51/2 inch bent blade	**	13.50
No. 37616B. —6 inch bent blade	GC.	13.50
One-half dozen in a box.		



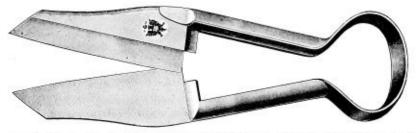
Sterling. Forged steel. Full polished blade and shank. Natural finish spring tempered sing	e bows.	
No. 375451/S.—51/4 inch straight blade	er dozen \$	9.75
No. 37546S. —6 inch straight blade	**	10.50
No. 37595B5 inch bent blade	**	9.75
No. 3/0401/2B.—51/2 inch bent blade	**	9.75
No. 37546B. —6 inch bent blade	6.6	10.50
One-half dozen in a box.		

Sterling sheep shears are forged from extra grade crucible steel. The bows are spring tempered. The blades are ground, set and sharpened. First class in material, finish and workmanship.

# MULE AND DOCKING SHEARS



# HORSE SHEARS



No. 1495.—Horse and mule. Forged steel. Curved blade, half polished. Length of cut 4 inches; length over all 9 inches. Single bow. A very handy shear for cleaning the fetlocks, legs and ears of cattle. Also largely used by gardners or truckers for trimming vegetables and garden produce.........Per dozen \$ 6.00 One-half dozen in a box.

# CHICAGO CLIPPING AND SHEARING MACHINES

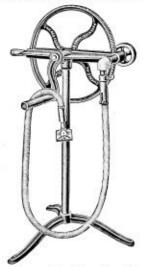
No. 1 STEWART'S BALL BEARING



 No. 9 STEWART'S BALL BEARING



### 1902 STEWART'S PATENT



No. 1902S.—Combined horse clipping and sheep shearing machine. Above machine complete with sheep shearing attachment described on page 301. Each \$ 18.50

### NO. 8 STEWART'S ENCLOSED GEAR.



No. 8. —Enclosed type. All moving parts in a dust-proof case and run in oil, doing away with friction and wear. Gears cut from solid steel bar and hardened by special process. Solid jointed shaft fitted direct to the gearing. Furnished with shearing handle and four combs and four cutters. Turns easily, shears fast and gets more wool from the sheep than is possible by hand shear... Each \$ 9.75

n \$ 18.50 One in a box.



# CLIPPER ATTACHMENTS



# SHEAR ATTACHMENTS



No. SSA.—Sheep shearing attachment. Consists of the solid core, universal jointed shaft, Stewart No. 5 shearing handle and four sets of shearing knives (combs and cutters). For use on numbers 1 and 1902 Horse clipping machines, making of them a sheep shearing machine.... Each \$ 7.75

Sheep may be shorn and horses clipped with the same machine by fitting with above attachments. An arrangement very convenient as well as economical.

# IMPROVED GRINDER

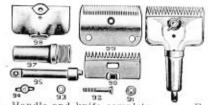


# AUTOMATIC GRINDER



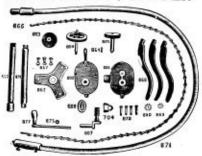
With above grinders it is possible to have sharp plates on a moment's notice. The value of this will be apparent at once to the frequent user of any style clipping machine.

# CLIPPER PARTS PARTS OF HORSE CLIPPER KNIFE

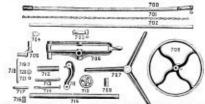


#### PARTS OF NO. 1 CLIPPER

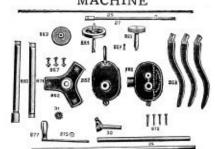
from factory direct.



### PARTS OF 1902 CLIPPER



PARTS OF NO. 8 SHEEP SHEARING MACHINE



# PARTS OF NO. 9 SHEEP SHEARING MACHINE



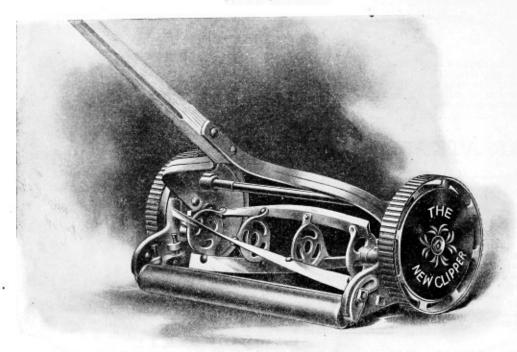
All parts for clipping or shearing machines, other than those listed at the head of this column not carried in stock, shipped from and sold F. O. B. Factory.



8.50

# LAWN MOWERS

NEW CLIPPER

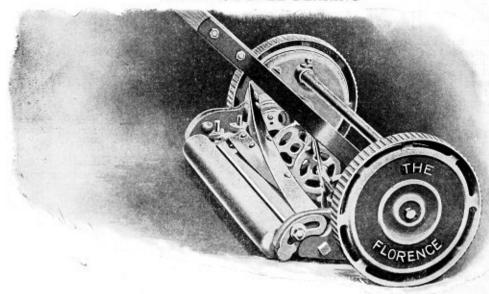


New Clipper. 8-inch wheels. 5-inch cylinder. 3 knives.

The New Clipper Mower is a good lawn mower to sell at a medium low price. It gives the purchaser full value for his money. Large drive wheels, 8 inches in diameter; internal, direct drive gears. Ratchets, sliding pawl in each drive pinion. Adjustable split brass bearings and adjustments equal to many of the high grade mowers. Revolving cutter or reel 5 inches in diameter, with 3 blades or knives. Tool steel stationary knife. Finished in a very attractive manner, pale green and black with gold trimmings, very neat.

Width of cut, inches..... 16 

#### FLORENCE BALL BEARING



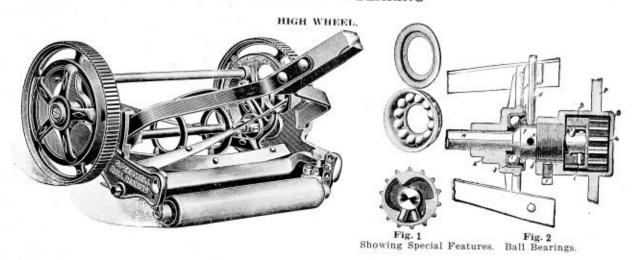
Florence. 8-inch Wheels. 5-inch Cylinder. 4 Knives.

The adjustment of the bearings in this mower is accomplished by means of a single screw—very simple and positive. The drive wheels are 8 inches in diameter. Direct drive internal gearing, the ratchet consisting of a sliding pawl in each drive pinion. The cylinder or revolving cutter is fitted with four blades and measures in diameter 5 inches. Patent adjustable ball bearings used throughout. An extra quality ball bearing mower at a medium price. Finished in aluminum, trimmed with maroon and gold, making a very neat combination. Width of cut, inches.....



# LAWN MOWERS

### SPEEDWELL BALL BEARING



Speedwell. 9-inch Wheels. 51/2-inch Cylinder. 4 Knives.

A good free cutting easy running mower with open wheel and frame made on the two gear principle. Gears well up from the ground and shielded to exclude dirt and cut grass. The drive wheels are 9 inches in diameter. The cylinder or revolving cutter fitted with 4 blades and measures in diameter  $5\frac{1}{2}$  inches. The lower blade is of crucible steel, oil tempered and hardened. High grade ball bearings. One large threaded cone takes up all wear in the reel journals. As shown in figures 1 and 2 two pawls are used in each pinion. Thus the pawls can engage the clutch part of the pinion. Altogether a strictly first-class mower at a popular price. Finished in gold and aluminum with olive colored wheels.

Width of cut, inches	12	14	16	18
Each		9.00	9.50	10.50

### STERLING BALL BEARING



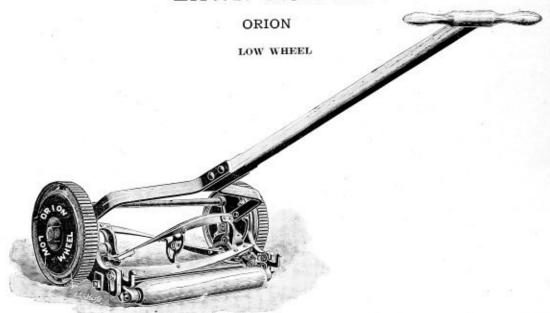
#### Sterling. 9-inch Wheels. 51/2-inch Cylinder. 4 Knives.

A strictly high grade mower in every respect. Simple, perfect and positive adjustments. Large drive wheels measuring 9 inches in diameter give speed and power. 4 crucible steel knives form the revolving cutter or cylinder. The cutter bar is of hardened tool steel. Well speeded the mowers bite small and frequent, leaving a beautiful, velvety lawn. Highest grade ball bearings easily and rapidly adjusted. Double steel ratchet, rapid in action. By the use of two pawls in each pinion the chances of the pawls engaging the clutch part of the pinion are doubled and the durability is increased ten-fold. The owner of a Sterling mower finds mowing the lawn a fascinating pastime. Beautifully finished in aluminum and gold with maroon trimmings.

Width of cut, inches	14	16	18	20
Each	\$ 11.00	12.00	13.00	14.00



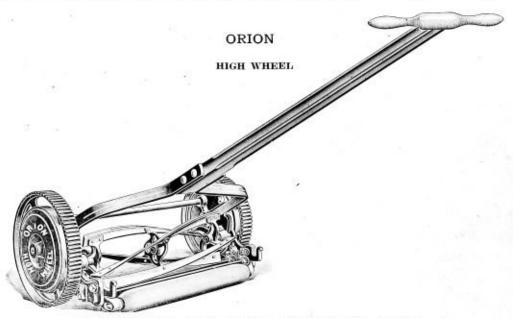
## LAWN MOWERS



Orion Low Wheel. 8-inch Wheels. 5-inch Cylinder. 3 Knives.

Simple and strong in construction. Light and easy running. Made with a strong and serviceable frame, having drive wheels, 8 inches in diameter. The revolving cutter or cylinder has 3 crucible tool steel blades, hardened and tempered in oil. Diameter of cylinder 5 inches. Fitted with split cylinder bearing, and yielding dead knife. Built for service—altogether we recommend it to the trade as a most serviceable machine for domestic use. Neatly finished in gold with drab and blue colored wheels.

Width of cut, inches	12	14	16	18
Each	3 6.50	7.00	7.50	8.00



Orion High Wheel. 10-inch Wheels. 51/2-inch Cylinder. 4 Knives.

Light running, simple and strong in construction. A very serviceable frame, having extra large driving wheels, 10 inches in diameter. The revolving cutter or cylinder consists of 4 crucible steel blades, hardened and tempered and measuring 5½ inches in diameter. The lower or dead knife is of the yielding, self-sharpening pattern. With split cylinder bearing. The extra large driving wheels, the size of the cylinder and the general construction commend this mower to the user. Built for service—we recommend it for domestic use. Attractively finished in red, green and gold.

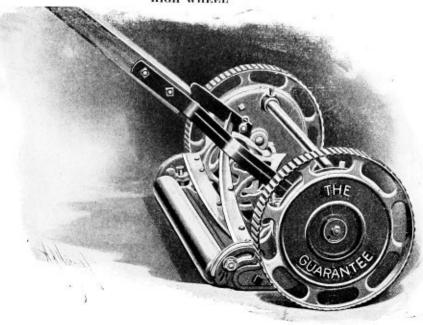
Width of cut, inches	14	16	18
Each	\$ 8.50	9.50	10.50

34.00



# LAWN MOWERS

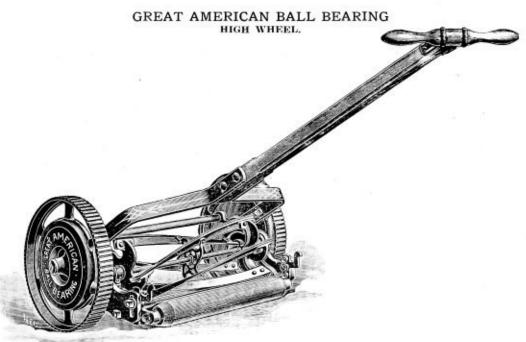
GUARANTEE BALL BEARING HIGH WHEEL



Guarantee. 9-inch Wheels. 5-inch Cylinder. 4 Knives.

The Guarantee mower is a high grade, well built mower, handsome in design and finish. The diameter of the drive wheels is 9 inches. The ratchet consists of a flat sliding pawl in each drive pinion, giving a direct drive and internal gear mechanism. Fitted with patent adjustable bearings—highest grade. The revolving cutter or cylinder is 5 inches in diameter and has four blades or cutting knives. The bottom or stationary knife of best cast tool steel. Beautifully finished in aluminum, with blue and gold trimmings.

Width of cut, inches..... \$ 9.50 10.50 11.50 12.50



Great American. 10-inch Wheels. 6-inch Cylinder. 5 Knives.

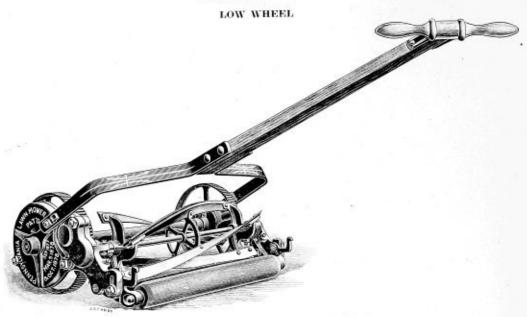
Ball bearing, the highest grade of steel balls being used in absolutely dust-proof steel covered cups. The balls rest in an improved ball retainer and separator. Patent cone adjustment. Equipped with self-sharpening, up-turned dead knife of solid cast steel, which can be regulated to cut from 3/8 to 13/8 inches from the ground. The pawls are hardened cast steel, noiseless in action and original in design, insuring superior work and durability. Finished in aluminum and gold, relieved with vermilion and blue striping. 15 17 21 Width of cut, inches.....

\$ 25.00 28.00 31.00 Each Great American mowers are fitted with brackets on which the Braun grass catcher may be attached.



# LAWN MOWERS

### PENNSYLVANIA

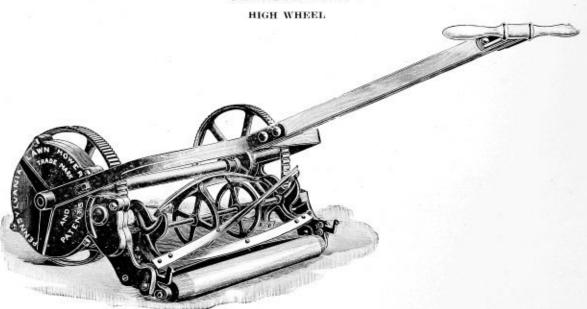


Pennsylvania. 8-inch Wheels. 51/2-inch Cylinder.

Has a train of gears with rear cut. Open cylinder with Crucible Steel Knives, hardened and tempered in oil. The construction makes it possible to cut higher grass as well as to secure a far better lawn. Finished in green, red and cilt

and gilt. Width of cut, inches	12	14	16	18
Knives	3	4	19.00	4
Each	\$ 15.00	17.00		21-00

#### PENNSYLVANIA



Pennsylvania High Wheel. 101/2-inch Wheels. 61/2-inch Cylinder. 4 Knives.

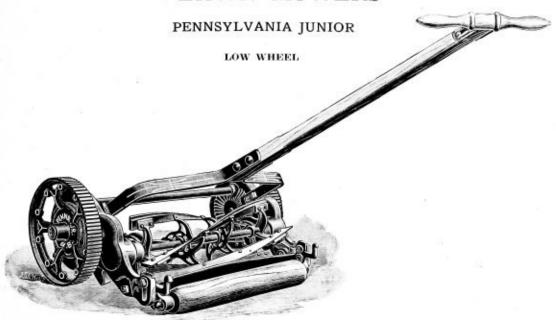
Same as the Pennsylvania Regular, above described, with the enlargement and change of pattern necessary to conform with the larger driving wheel. Has an extra large cylinder, and extra power of gearing, and is constructed for cutting ordinary grass, as well as grass from 6 to 10 inches high; therefore it does equally clever work on velvety lawns where the grass never gets above two to four inches high. Finished in green, red and gilt.

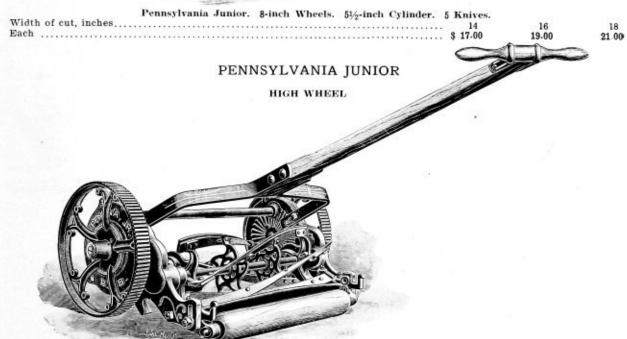
Width of cut, inches. 15 17 19 21
Each 8 25.00 28.00 31.00 34.00

Pennsylvania mowers are fitted with brackets on which the Braun grass catcher may be attached.



### LAWN MOWERS



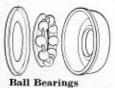


 Pennsylvania Junior High Wheel. 10-inch Wheels. 6-inch Cylinder. 5 Knives.

 Width of cut, inches.
 15
 17
 19
 21

 Each
 \$ 25.00
 28.00
 31.00
 34.00

PENNSYLVANIA JUNIOR FEATURES





Double Train of Gears.

Train of gears on both sides and equipped with ball bearings on each side. The adjustment of these ball bearings is most complete, yet simple and affective. This consists of a single screw in the cone with an eccentric point which fits into the cylinder axle. A fraction of a turn of this screw makes the adjustment; the cone is held permanently in place, at the same time taking up the wear. The stationary or dead knife is of crucible steel, of the raised edge pattern, and so constructed that it is self-sharpening until entirely worn out. The knives forming the cylinder are of crucible steel, hardened and tempered in oil. The gearing on both sides of the machine insure smooth work on the most uneven lawn. Neatly finished in green, red and gilt. Fitted with brackets on which the Braun grass catcher may be attached.

Self-Sharpening Lower Knife



# LAWN TRIMMERS



No. 750.—Pennsylvania Ball bearing trimmer. inch cut, 4 blades. Width over all 13 inches. Crucible cast steel blades, selfsharpening. Light running and easy to handle. Will cui to within % of an inch of a wall, fence or tree. Neatly painted aluminum and gold with blue trimUTICA

No. 600.—Utica trimmer. 5 inch cut. Crucible cast steel blades. Cast wheels and side plates. For trimming around the borders or edges of lawns as well as close up to walls, fences, etc. after mowing. A serviceable well built implement at a popular price. Takes the place of hand shears or clippers and saves stoopingeasy on the back. Attractively painted

One in a box.

and trimmed ... Each \$ 6.00 LAWN MOWERS PENNSYLVANIA Pony or two Man.

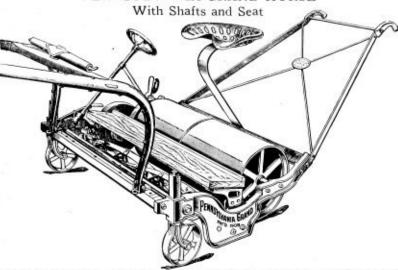
Pennsylvania Pony or two man mower. Drive wheels 11 inches in diameter. Cylinder 634 inches in diameter. Crucible cast steel cylinder and dead knives. Clutch at side enables user to throw it in or out of gear at will. A mower betweet the large size hand and regulation horse sizes. Can be handled by two men where a horse is not available—Such as on large lawns where the surface is broken by walks and shrubbery or is too hilly to use a regular horse mower. Fitted with lugs for attaching the Braun grass catcher.

Pony mowers and catchers not carried in stock, shipped from factory direct.



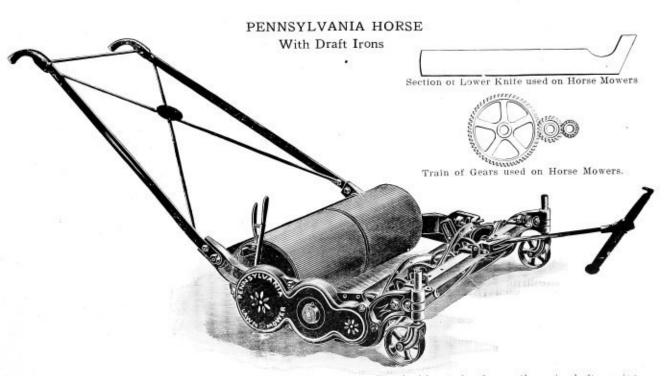
# HORSE LAWN MOWERS

PENNSYLVANIA GRAND HORSE



Pennsylvania Grand Horse Mower. Cylinder 7½ inches in diameter. Drum or roller 15 inches in diameter. Perfect cylinder adjustment. Split cylinder journals. Self-sharpening upturned stationary knife. Wheel at the right regulates the height of cut from 3½ to 2½ inches. The most perfect horse mower on the market.

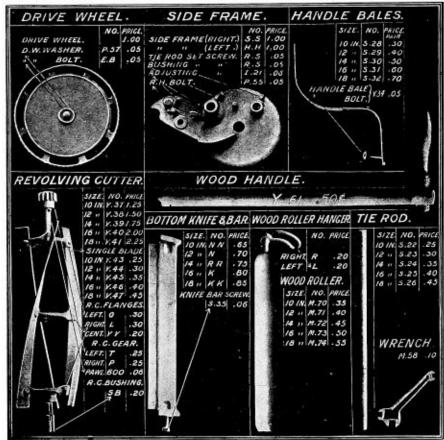
					With hand	lles at	nd draft	irons onl	у.	
No. 304GS 30-inch cut.	4 knives	Each 5	8 120.00	No. 304G	-30-inch et	ut. 4	knives		Each S	100.00
No. 306GS 30-inch cut.	6 knives	**	132.50	No. 306G	-30-inch cu	ut. 6	knives		**	112.50
No. 384GS 38-inch cut.			150.00	No. 384G	-38-inch cu	ut. 4	knives		**	130.00
No. 386GS 38-inch cut.			162.50	No. 386G.—	-38-inch cu	ut. 6	knives		**	142.50



Pennsylvania Horse mower. Cylinder 7 inches in diameter. Fitted with a train of gears the main shaft running in bronze bushings to minimize wear. Open cylinder fitted with knives of best crucible steel, hardened and tempered in oil. Stationary knife of improved upturned pattern, positively self sharpening.

With handles and d	lraft irons only as illustra	ated.		seat, shafts and foo		100.0
No 204 20 inch cut	4 knives Eac	h \$ 100.00	No. 304S 30-inch cut.			
77	e believe	112.50	No. 306S 30-inch cut.	6 knives		132.50
No. 306 30-inch cut.			No. 384S 38-inch cut.			150.00
No. 384 38-inch cut.	4 knives	130.00				
No 296 so-inch cut	e knivec	142.50	No. 386S 38-inch cut.			162.50
No. 300 36-men cue.	Deares grange how	For use on	Pennsylvania horse mow	ers.		
	Braun grass box.	LOI HOE OH	1 (HIB) I HIBIT HOTEL MOTE		Foob 9	20.00
No. 30B For 30-inch 1	mowers				- Facil \$	30.00
T non The on inch	moword					35.00

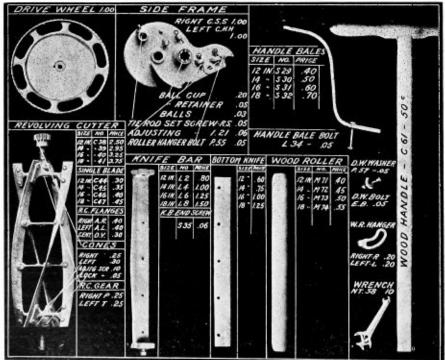




Parts for New Clipper lawn mowers, 12, 14, 16 and 18 inches.

Give number and description of parts as well as size, style and name of mower.

FLORENCE BALL BEARING



Parts for Florence Ball Bearing lawn mowers, 12, 14, 16 and 18 inches.

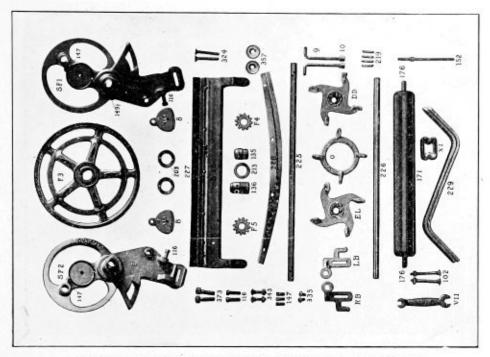
Give number and description of parts as well as size, style and name of mower.

Not carried in stock. Shipped from factory direct.

SIERUNG BRAND FOR QUALITY STANDS"

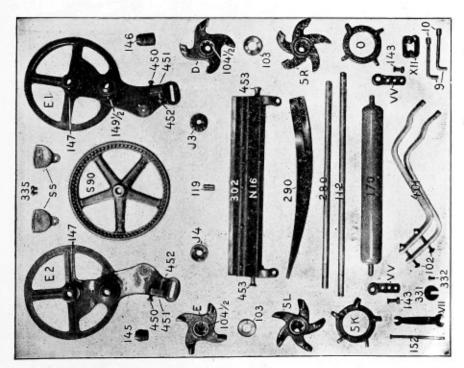


SPEEDWELL BALL BEARING



Parts for Speedwell Ball Bearing lawn mowers, 12, 14, 16 and 18 inches. Give number and description of parts as well as size, style and name of mower.

#### STERLING BALL BEARING



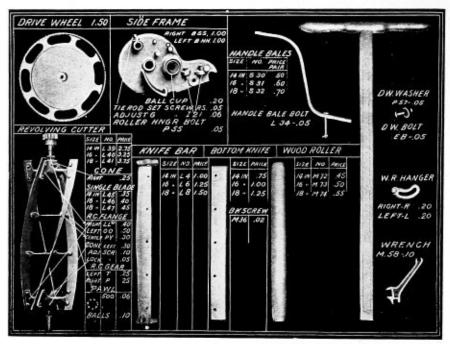
Parts for Sterling Ball Bearing Lawn Mowers, 14, 16, 18 and 20 inches. Give number and description of parts, as well as size, style and name of Mower.

Not carried in stock. Shipped from factory direct.

"STERUNG BRAND FOR QUALITY STANDS"

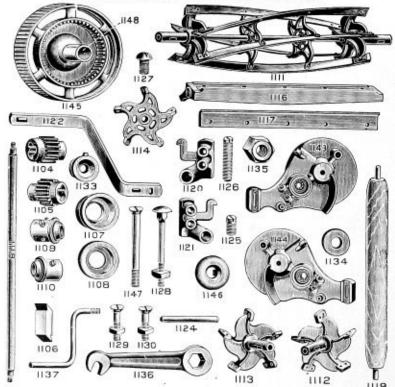


GUARANTEE BALL BEARING



Parts for Guarantee Ball Bearing Lawn Mowers, 14, 16, 18 and 20 inches. Give number and description of parts, as well as size, style and name of Mower.

### GREAT AMERICAN BALL BEARING



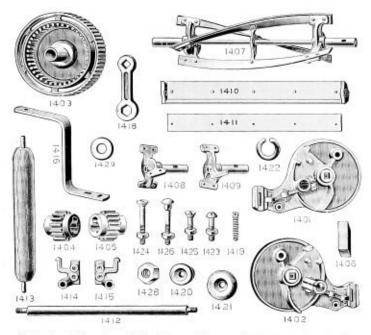
Parts for Great American Ball Bearing Lawn Mowers, 15, 17, 19 and 21 inches. Give number and description of parts, as well as size, style and name of Mower.

Not carried in stock. Shipped from factory direct.

STERUNG BRAND FOR QUALITY STANDS"

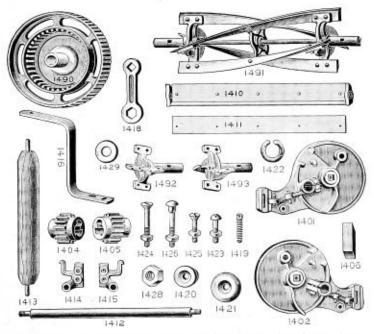


ORION LOW WHEEL



Parts for Orion Low Wheel Lawn Mowers, 12, 14, 16 and 18 inches. Give number and description of parts, as well as size, style and name of Mower.

#### ORION HIGH WHEEL



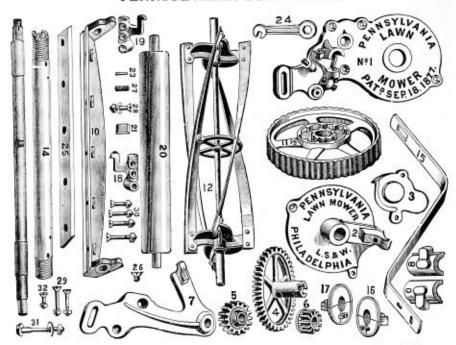
Parts for Orion High Wheel Lawn Mowers, 14, 16 and 18 inches. Give number and description of parts, as well as size, style and name of Mower.

Not carried in stock. Shipped from factory direct.

"STERUNG BRAND FOR QUALITY STANDS"

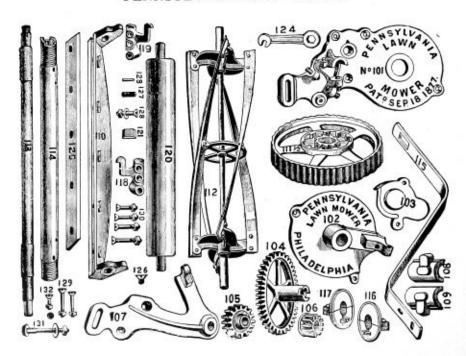


### PENNSYLVANIA LOW WHEEL



Parts for Pennsylvania Low Wheel Lawn Mowers, 10, 12, 14, 16 and 18 inches. Give number and description of parts, as well as size, style and name of Mower.

#### PENNSYLVANIA HIGH WHEEL



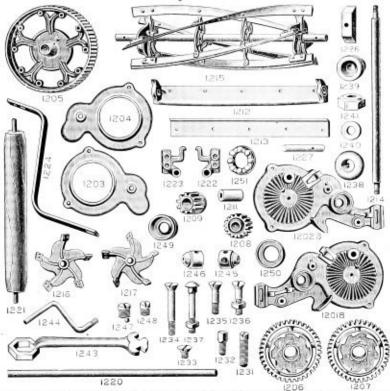
Parts for Pennsylvania High Wheel Lawn Mowers, 15, 17, 19 and 21 inches. Give number and description of parts, as well as size, style and name of Mower.

Not carried in stock. Shipped from factory direct.

STERUNG BRAND FOR QUALITY STANDS"

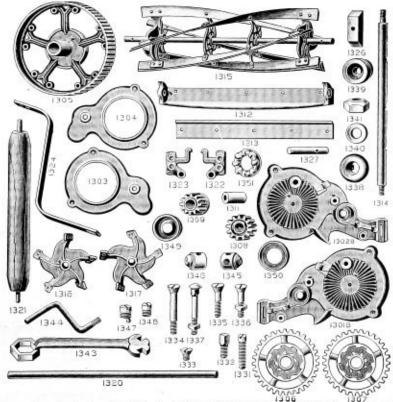


# LAWN MOWER PARTS PENNSYLVANIA JUNIOR LOW WHEEL



Parts for Pennsylvania Junior Ball Bearing Low Wheel Lawn Mowers, 10, 12, 14, 16 and 18 inches. Give number and description of parts, as well as size, style and name of Mower.

### PENNSYLVANIA JUNIOR HIGH WHEEL



Parts for Pennsylvania Junior Ball Bearing High Wheel Lawn Mowers, 15, 17, 19 and 21 inches.

Give number and description of parts, as well as size, style and name of Mower.

Not carried in stock. Shipped from factory direct.

STERUNG BRAND FOR QUALITY STANDS"

## GRASS CATCHERS





"Mox-Gee"
HANDY
NO. 1210
NITE BYLLD FRE

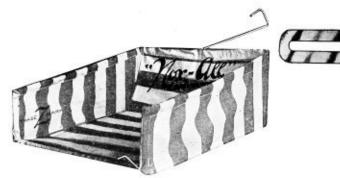
Galvanized wire frame. Heavy galvanized iron bottom. Heavy duck body. 17 inches long and 13 inches deep. Improved stationary wood handle. Wire handle loop and bracket hooks.

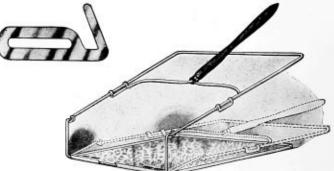
No. 1010.—23 inches wide. For mowers 16 to 20 inches ........ Per dozen \$ 15.00

Galvanized wire frame. Heavy galvanized iron bottom. Heavy duck body, extra deep. 17 inches long and 18 inches deep. Improved stationary wood handle 18 inches long. Wire handle loop and bracket hooks.

No. 1200.—19 inches wide. For mowers 12 to 16 inches ....... Per dozen \$ 20.00

No. 1210.—23 inches wide. For mowers 16 to 20 inches ...... Per dozen \$ 24.00



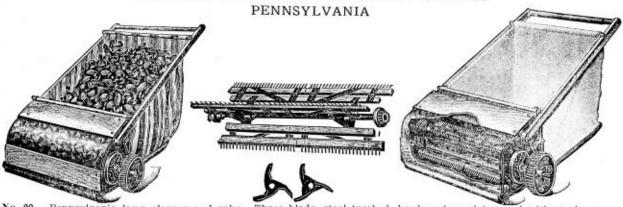


Adjustable frame of galvanized wire. Covered with blue and white striped duck. Wire hook fits into roller casting. Coll wire spring takes up adjustment and holds catcher securely in place. Wire handle loop.

No. 10.—9 inches deep. 18 inches long. For mowers 12 to 16 inches ......... Per dozen \$ 9.00 . Shows frame construction of Nos. 1000, 1010, 1200 and 1210 catchers, also metal hook for attaching to mower. Frames so made as to prevent forward folding, or any contact with knives or wheels of mower.

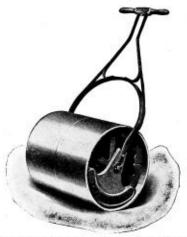


LAWN CLEANER AND RAKE

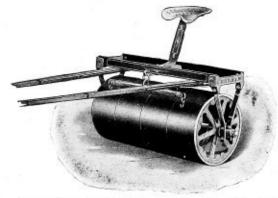


No. 20.—Pennsylvania lawn cleaner and rake. Three blade, stee! toothed, hardwood revolving reel with steel shaft and malleable brackets. Width of rake 24 inches. Drive wheels 8 inches in diameter. With canvas catcher 24 inches long, 24 inches wide and 34 inches deep at rear. The revolving reel removes from the lawn cut grass, leaves and litter of all sorts and leaves the grass standing upright. The catcher is detachable and with this machine a man can do the work of four men with hand rakes. Can be used wherever a lawn mower can be used and will be found very useful about public institutions, clubs, large lawns, etc.

One in a crate.



# LAWN ROLLERS



Gold Medal hand lawn rollers. Smooth on face and aluminum finished. Outer edges rounded. No. LR401.—2 sections, each 8x15 in. Weight 150 lbs. Each \$ 9.75 No. LR402.-Weight -3 sections, each 8x15 in. 13.50 200 lbs. ..... Each No. LR407.--2 sections, each 12x20 in. Weight 300 fbs .... Each -3 sections, each 10x20 in. Weight 19.50 No. LR408 .-350 lbs. ..... Each 22.50 Gold Medal Horse lawn rollers. All steel frame. Steel brackets, machine steel axle. Steel seat and seat spring. Smooth face, outer edges rounded.

No. K440.—3 sections, each 10x24 inches. Weight 650 lbs. Each \$ 58.00

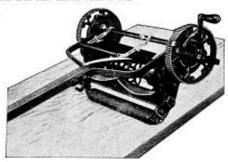
No. K442.—5 sections, each 10x24 inches. Weight 950 lbs. Each 78.00

No. K445.—5 sections, each 10x28 inches. Weight 1200 lbs. Each 98.00

Not carried in stock. Shipped from factory direct.

# LAWN MOWER SHARPENERS





No. 100.—Pike's mower sharpener. Fits all lawn mowers. Sharpening bar of seasoned wood, thickly coated with sharpening material sufficient to last several seasons. Adjustable parts .... Per dozen \$ 18.00 One-fourth dozen in a bundle.

## GARDEN HOSE



	Orion. A pop	oular pric	ed hose.	Built for	ordinary	water	pressure.	Three ply	fabric.	Black rubber	cove	r.	
No.	112E Orion.	1/2 inch.	Eastern	gauge							Per	ft. \$	-16
No.	112P Orion.	1/2 inch.	Pittsburg	gauge		director.					44	**	.16
No.	134E.—Orion.	3/4 inch.	Eastern	gauge							44	44	-18
No.	134P Orion.	3/4 inch.	Pittsburg	gauge							64	44	-18



Elk. A moderate priced hose. Built for high water pressure. Black rubber cover. Light, Flexible and Strong. Closely woven fabric. Per ft.

No. 212E.—Elk. ½ inch. Eastern gauge. 5 ply.
No. 212P.—Elk. ½ inch. Pittsburgh gauge. 5 ply.
No. 234E.—Elk. ¾ inch. Eastern gauge. 5 ply.
No. 234P.—Elk. ¾ inch. Pittsburgh gauge. 5 ply. 5 ply. \$ .17 No. 312E.—Elk. 1/2 inch. Eastern gauge. 7 ply. \$ .20 No. 312P.—Elk. ½ inch. Pittsburgh gauge. 7 ply. No. 334E.—Elk. ¾ inch. Eastern gauge. 7 ply. -20 .17 .22 .20 No. 334P.—Elk. 3/4 inch. Pittsburgh gauge. 7 ply. .20



Majestic. A medium priced hose. Built for medium water pressure. Three ply duck. Black rubber cover. No. 412E.—Majestic. ½ inch. Eastern gauge No. 412P.—Wajestic. ½ inch. Pittsburgh gauge ...... Per ft. \$ .18 .18 No. 434E .-- Majestic. 3/4 inch. Eastern gauge .20 No. 434P.—Majestic. 3/4 inch. Pittsburgh gauge .20



Crescent. A good general purpose hose. Black rubber tube. Red rubber cover. Five ply closely woven fabric, Very flexible and excellent for high pressure service. Light and strong.

 No. 512E.—Crescent.
 ½ inch.
 Eastern gauge
 Per. ft.
 \$ .20

 No. 512P.—Crescent.
 ½ inch.
 Pittsburgh gauge
 .20

 No. 534F.—Crescent.
 ¾ inch.
 Eastern gauge
 .22

 No. 534P.—Crescent. 3/4 inch. Pittsburgh gauge .22



Sterling. High grade hose. Extra quality rubber tube. Heavy three ply hose duck. Fine black rubber cover.

No. 612E.—Steeling. 1/2 inch. Eastern gauge	Per	ft	\$ .2
No. 612F.—Sterning. % inch. Pittsburgh gauge	84	11	.2
No. 03417.—Buching. % inch. Eastern garren		44	.3
No. 6347, Sterling. % inch. Fittsburgh gauge	64	**	3
Above hose all put up in lengths of 50 feet, coupled for which no extra charge is made. Can be ft. lengths at an advance per ft. of 2c list. Always order by number to insure getting proper gauge.	urnis	hed	in 2



#### GARDEN HOSE



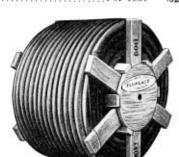
Sterling moulded. Seamless tube of high grade rubber. Over this is woven double a fabric of tightly twisted cotton yarn after which the cover of tough flex-ible rubber is applied. The hose is then moulded and vulcanized under powerful pressure which thoroughly imbeds the fabric into the rubber and makes a

uniform, smooth and strong construction. All minute openings in either the fabric or rubber are thus closed, insuring an absolutely water-tight singlewall. As there are no wrappings or plys (the tube being one solid construction), it is impossible to injure by kinking either when empty or under water pressure. Put up on substantial wood reels containing 250 feet with the length stamped at every foot. This shows at a glance the number of feet remaining on the reel.

No. 712.—Sterling moulded. ½ inch. Continuous length, 250 feet on a reel. Per foot \$ .28

No. 734.—Sterling moulded. ¾ inch. Continuous length, 250 feet on a reel. Per foot .32

Sold only in full reels containing 250 feet.



Florence Moulded. Seamless continuous length rubber tube. Woven over this is a double fabric of twisted cotton yarn after which is applied a flexible rubber cover. The hose is then moulded and under powerful pressure vulcanized. This process makes a solid absolutely water-tight wall of smooth, strong
and uniform construction. Impossible to separate the rubber from the friction
(as in wrapped hose), insuring long life with no danger from injury by kinking, either when empty or in use. On wood

reels containing 250 feet in one continuous piece with the length stamped at every foot. Thus at a glance the number of feet remaining on the reel may be noted.

No. 812.—Florence Moulded. 1/2-inch. Continuous length 250 feet on a reel. Per foot \$ .25

No. 834.—Florence Moulded. 3/4-inch. Continuous length 250 feet on a reel. Per foot .28 Sold only in full reels containing 250 feet.

#### WATER HOSE

FLORENCE



Water hose. Made special weight and designed for general use. 4 ply.

OrionInches	1	11/4	11/2	2	21/2
Per foot	\$ .50	.62	.75	1.00	1.25
SterlingInches	1	11/4	11/2	2	21/2
Per foot	\$ .50	.62	.75	1.00	1.25

In lengths of 50 ft. without couplings. If couplings are desired, specify thread. Regulation charge for coup-

#### SUCTION HOSE



Agricultural grade suction hose. Regular flat tinned steel wire.

steel wire. Interior diameter, inches 1 1 $\frac{1}{2}$  230 Per foot 3.90 1.50 2.30 Clipper suction hose. High grade, for heavy service. Regular flat tinned steel wire.

so ordered at small additional cost.

#### COKE HOSE



Coke hose. Made for extremely severe usage. 1-inch diameter.

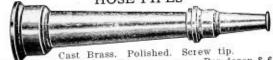
Clipper.—9-ply fabric ..... In lengths of 50 feet without couplings.

#### HOSE ATTACHMENTS



Eastern gauge......Per dozen \$ 4.50 No. 6E.—6 inches. No. 6P.—6 inches. Pittsburgh gauge...

HOSE PIPES



-7½ inches. Eastern gauge...Per dozen \$ 6.00 -7½ inches. Pittsburgh gauge " 6.00

#### GEM HOSE NOZZLES



41/4 inches long. Polished cast bronze metal. Gem. Throws solid stream or spray. Can be regulated or closed. 

#### HOSE COUPLINGS



				dozen
	12E1/2-in.	Eastern gauge		\$ 2.00
	12P. —1/2-in.	Pittsburgh gauge	100	2-40
No.	34E3/4-in.	Eastern gauge		2.00
No.	34P3/4-in.	Pittsburgh gauge		2.40
No.	12EF 1/2-in.	Eastern gauge. Female end onl	у.	1.50
No.	19PF 1/4-in.	Pgh. gauge. Female end only		1.70
No.	34EF 3/4-in	Eastern gauge. Female end onl	у.	1.50
No.	34PF3/4-in.	Pgh. gauge. Female end only		1.70

#### HOSE ENDS

#### TAP UNIONS





Nos. 20E and 20P Nos. 10E and 10P Cast brass hose ends. Fits any smooth faucet. No. 10E.—Eastern gauge......Per dozen \$ 4.50 No. 20P .- Pittsburgh gauge ..... One dozen in a box.

#### HOSE NIPPLES





Nos. 19E and 19P	No. 18	
No. 19E Eastern gauge, one end; 3/4	iron pipe	
thread other end. Male	Per dozen \$	4.00
No. 19P Pittsburgh gauge, one end; 3,	4 iron pipe	
thread other end. Male	Per dozen	4.00
No. 18Female end, Eastern gauge.		
Ditteburgh gauge	Por dozen	0.00

#### HOSE MENDERS



Cooper. Wrought brass. Does not reduce size of hose and can be used many times. Simple and effective. 

Will not collapse or rust. Seamless brass. No. 12B.—For 1/2-inch hose. . . . . . . . . Per dozen \$ .80

#### HOSE CLAMPS



Sherman single clamps. For fastening couplings or menders. Wrought brass, finished. 



Sherman double clamps. For fastening menders at one operation. Screw up one bolt and work is finished. Wrought brass, finished. No. 234.—For 3/4-inch hose..... Six dozen in a box.

#### HOSE WASHERS





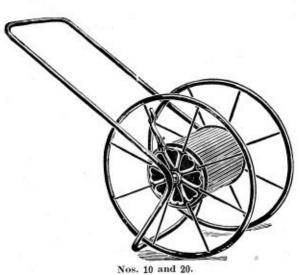
Four and one-sixth dozen cartons in a box.

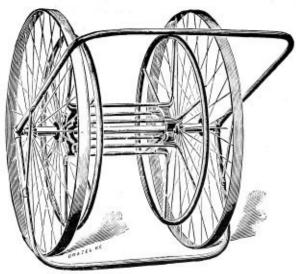


#### HOSE REELS



No. 25.—Square top. Made of hardwood, natural finish and varnished. Height 3 feet, 4 inches. Japanned wheels and irons. Capacity 100 feet of garden hose ..... No. 65 .- Square top. Made of hardwood, with base and frame painted red. Height 3 feet, 4 inches. Built extra heavy throughout. Japanned wheels and irons. Capacity 150 feet of garden hose or 100 feet of 1 16.00 24.00 Nos. 25, 65, and 50, one-half dozen in a crate; No. 2, three in a crate.





Nos. 21 and 31.

No. 10 .- Tubular frame, all metal. Height 21 inches. Corrugated galvanized iron drum. Painted green. Two in a crate. 10.00

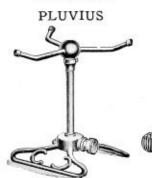
r. Width over Two in a crate.



## LAWN SPRINKLERS RING



Nos. 65E and 65P



Nos. 43E and 43P

## Nos. 47E and 47P

All brass, stamped. Diameter about 8 inches. Throws a fine spray, covers a large circle and can easily be moved without shutting off the water.

No.	65E	-Eastern	gauge	Each	\$ 1.00
No.	65P	-Pittsburg	gauge	. 46	1.20

Pluvius. Height 11 inches. Polished brass arms. Red enameled head and stem. Japanned base. Ball bearing head, turns with low pressure, and will sprinkle a circle as small as 3 feet. Sled base for ease in moving.

No. 43E.—Eastern gauge.......Each \$ 2.00 No. 43P.—Pittsburg gauge ..... "

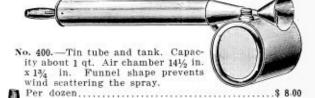
Aetna. Height 20 inches. Polished brass head and arms. Iron pipe upright. Heavy ball feet. Runs easily even with a low pressure of water.

No. 47P.—Pittsburg gauge One in a box.

SPRAYERS



No. 112 .- Tin tube and tank. Capacity about 1 qt Air chamber 141/2 inches x 13/4 inches. Special ......Per dozen \$ 7.00 type plunger.....



No. 101A .- Tin tube, zinc jar top and can screw. Solution tank, a one quart Mason fruit jar which

can be easily replaced when broken. Per dozen \$ 12.00

No. 115.—Continuous sprayer. Sprays on both the up and down stroke. IX Tin tank. Capacity about 1 quart. Brass ball check valve, positive in action ... All above sprayers, one dozen in a case.

#### SPRINKLING CANS



Nos. 4 to 16

Nos. 1204 to 1220

Galvanized iron. Zinc rose head. Galvanized spout base. Handle and bail securely wired. Strongly braced throughout. Nos..... 6 Я 10. Quarts..... 6 10 12 16 Crate contains, dozen..... Per dozen..... \$ 7.00 8.00 10.00 12.00 14.00 18.00

Sterling. Extra heavy galvanized. Red banded. Large double seamed spout. Zinc head. Heavy bail and handle. Nos,..., 1204 1206 1212 1216 1220 Quarts ...... 6 10 12 16 20 Per dozen..... \$ 8.50 10.50 12.00 14.40 16.00 24.00 30.00

One-fourth dozen in a crate.



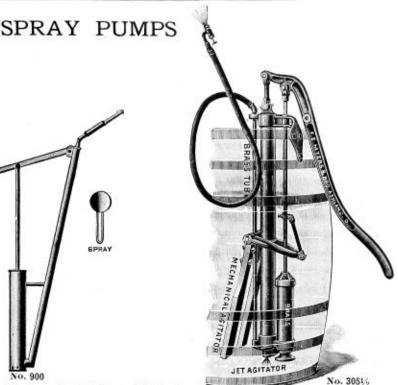
No. 110.—Compressed air founsprayer. Galvanized tain steel, aluminum finish. Ca-pacity of tank 3 gallons. No complex or intricate parts and is automatic and positive in action. Tree attachment consisting of 3 feet of %-inch rubber tubing with spray nozzle 1 foot long for shrub spraying; spray crook nozzle 3 in. long for potato spraying; funnel and shoulder strap for carrying furnished with each machine. Full directions for operating with

each machine ...... Each \$ 8.00









-Little Giant. Brass cylinders with large air chamber and ball valve. With agitator for mixing spraying solutions. Complete with hose, and combination fine, coarse spray and solid stream nozzle. With Each \$ 5.00 No. 900. general all around sprayer and in fact serves equally well for washing windows, carriages, buggles, ......Per dozen \$ 18.00 No. 3051/2enabling the pump to throw a uniform, constant and elastic spray. Good leverage, very powerful and easily operated. With mechanical agitator which keeps the solution mixed while in use. Com-

#### SPRAYING OR WHITE WASHING MACHINES









Nos. A, B, C and D No. A.—Air chamber 18x4½ inches. 2-inch cylinder. Spray pipe, ¼-inch cock and spray nozzle; 20 feet ½-inch discharge hose; 5½ feet, 1-inch suction hose

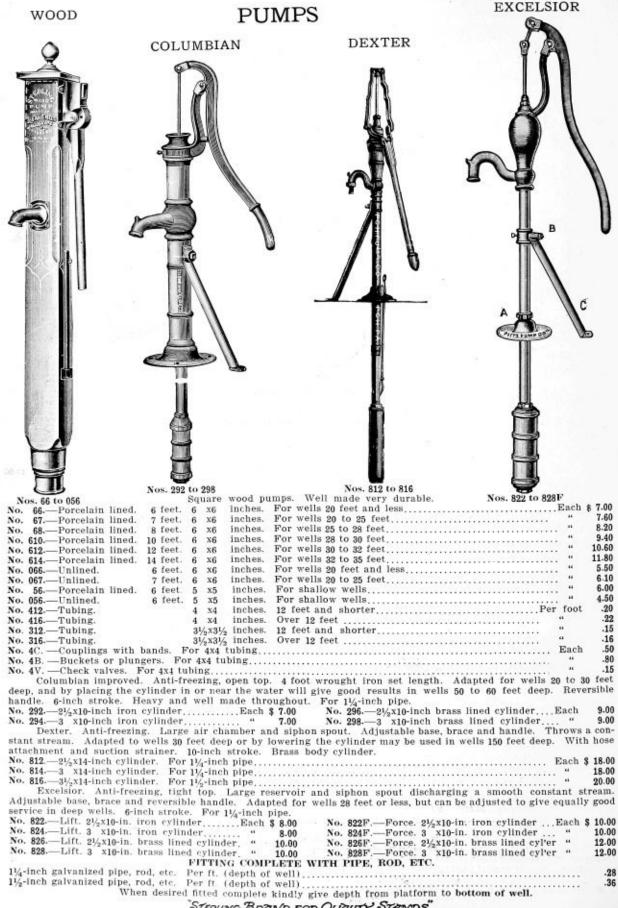
No. B.—Air chamber 18x4½ inches. 1¾-inch cylinder. Equipment same as number A. Capacity equal to work Each \$ 60.00 Each 54.00 of 20 men with brushes .... No. C.—Air chamber 16x3 inches, 1%-inch cylinder, 10 feet discharge hose; 51/2 feet suction hose. Capacity equal to work of 16 men with brushes . . . 45.00 No. D .- Air chamber 16x3 inches. 134-inch cylinder. 10 feet discharge hose; 51/2 feet of suction hose. Capacity equal to work of 10 men with brushes ..... Galvanized tank with capacity of 20 gallons mounted on heavy malleable iron truck. With 10 feet of discharge hose. Capacity equal to work of 12 men with brushes.

No. J.—Tripod frame of ½-inch pipe. Brass pumping cylinder and air chamber. Legs may be removed and machine placed on barrel. 10 feet of %-inch discharge hose. Capacity equal to work of 6 men with brushes. 18.00

lar number send for special booklet.

White Washing Machines not carried in stock; shipped from factory direct.

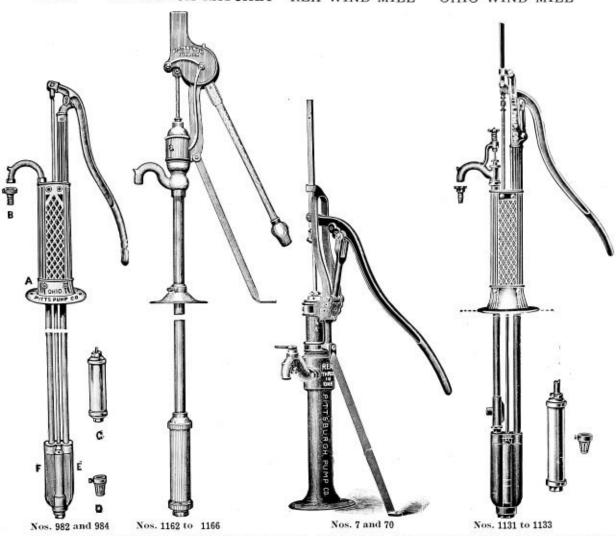






#### IRON PUMPS

OHIO TOP NOTCH RATCHET REX WIND MILL OHIO WIND MILL



Ohio. Double acting force with double air chamber. Anti-freezing. Upper cylinder of heavy cast iron, brass lined. Throws solid stream and works easy in deep wells. Will go in casing as small as 4% inches. For cisterns and wells, 50 feet and less use 3-inch cylinder. For wells as deep as 200 feet use 2½-inch cylinder, 6-inch stroke. For 1½-

No. 982.—2½x12-inch brass lined No. 984.—3 x12-inch brass lined	cylinder Each	\$ 18.00 18.00
3-inch leverage. 9-inch stroke.	freezing. Built on same principle as lifting jack. Designed especially for deep Brass body cylinder.	
No. 1162 -21/4x14-inch cylinder.	For 1¼ inch pipe Each For 1¼-inch pipe "	\$ 18.00 18.00

No. 1166.—3½x14-inch cylinder. For 1½-inch pipe. FITTING COMPLETE WITH PIPE, ROD, ETC.

.36 When above hand pumps are desired fitted complete kindly give depth from platform to bottom of well.

Rex Windmill. A "3 in 1" force pump, having a stroke that is adjustable, 6, 8 or 10-inch and can be used in ordinary tubular wells up to 350 feet deep. Suitable for 11/4, 11/2 or 2-inch pipe. When used in connection with a 17/8-inch tubular well cylinder and 2-inch pipe, the rods and valves can be withdrawn from the top without removing pump or pipe from well by simply unscrewing the top cap.

No. 7.—With cock spout and back outlet, but without cylinder .... No. 70 -- With cock spout and back outlet and tubular well cylinder 1%x36-inch. Brass lined. Four cups and all brass valves ..... Each

Ohio Windmill. Same general description as Ohio pump described above, but adapted for windmill use. Length of stroke 10 inches.

No. 1131.—2½ or 3x12-inch brass cylinder.
No. 1132.—2½ or 3x12-inch brass cylinder.
No. 1133.—2½ or 3x12-inch brass cylinder.
No. 1133.—2½ or 3x12-inch brass cylinder.
With windmill top only

Each
With windmill top only 22.00



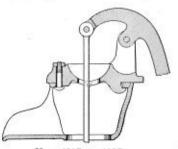
RED BIRD BRASS CYLINDER

#### CLOSED TOP PITCHER SPOUT

#### IRON PUMPS



SURE GRIP FULCRUM As Applied to P. S. Pumps



No. 41.

Nos. 191S to 195S.

105. 131 to 133.					
Improved closed top pitcher sp	pout. Fitted	with brass seat a	nd polished iron	a cylinder.	
Nos	191	192	193	194	195
Cylinder, inches	$2\frac{1}{2}$	3	31/2	4	41/2
For pipe, inches	1	11/4	11/4	11/2	2
Each		4.75	5.25	6.25	9.50
Improved closed top pitcher spout. With					
work is to be done and will be greatly apprecia	ted when on	ce used. Fitted w	ith brass seat a	nd polished iron	cylinder.
Nos	191S	192S	193S	194S	195S
Cylinder, inches	21/2	3	$3\frac{1}{2}$	4	41/2
For pipe, inches	1	11/4	11/4	11/2	2
Each		5.25	5.75	6.75	10.00
Red Bird. Strong in construct					
No. 41.—21/2 inch brass body cylinder. 1 to 11/2	inch pipe			E	ach \$ 10.00

DEXTER HOUSE



#### STREET WASHERS



Dexter House. Intended for general house use. Handle can be turned to the right or left in an instant. Three-inch brass cylinder. For No. 90. —3-in. cylinder. Plain spout... \$ 11.00
No. 90. —3-in. cylider. Stop cock spout 12.00



Nos. 18391/2 to 6391/2.



Tiger anti-freezing hydrants and street washers. Cast iron case, strong and neat in appearance. 2 pipes, 1 dry, through which the valve can be withdrawn for repacking; the other forms a passage for the water. Brass screw and bottom Y. Side inlet for ¾ inch pipe.

		Hyd	irants.			
Nos. Depth, feet Each	11/2	239½ 2 6.30	339½ 3 6.50	439½ 4 6-80	539½ 5 7.00	639½ 6 7.30
Nos	11/2	Street 240½ 2 5-80		440½ 4 6-30	540½ 5 6-50	640½ 6 6-80
DO COMPLETED WITH	DES TATES	E DOD	TENTO			

FITTING HAND PUMPS COMPLETE WITH PIPE, ROD, ETC. 1¼ inch galvanized pipe, rod, etc. Per foot (depth of well)

1½ inch galvanized pipe, rod, etc. Per foot (depth of well)

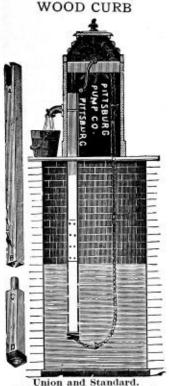
When pumps are desired fitted complete kindly give depth from platform to bottom of well.

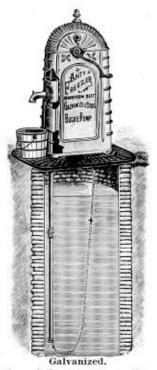


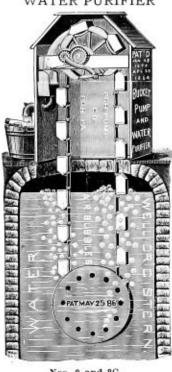
#### CURB PUMPS

GALVANIZED CURB









Nos. 8 and 8G.

The rubber bucket pump is a combination of the common suction and chain pumps. Uses the endless chain, reel and crank for power, and with the rubber buckets so placed on the chain as to keep one or more constantly in the tubing, making a complete suction and throwing a constant stream of water.

Union. —Curb, with castings Each
Standard. —Curb, with castings "
Galvanized.—Curb, with fixtures "
Galvanized.—Steel tubing Per foot 4.00 6.00 .15

With galvanized buckets and bottom wheel complete for 10 foot cistern.

No. 8. - Cypress curb . No. 8G.—Galvanized steel corrugated curb No. 8B.—Galvanized buckets .....

#### PUMP LEATHERS







Plain Plungers. Cup Plungers. Check Valves. Pump leathers. For cistern and pitcher spout pumps and cylinders. High grade oak tanned leather. 2 21/2 23/4 3 31/4 31/2  $2\frac{1}{4}$ 1.50 \$ 1.50 1.70 1.70 2.00 ... 2.40 2.80 3.20 Plain plungers ..... 2.70 \$ 1.40 1.60 1.80 2.00 5.00 Cup plungers ..... One dozen in a carton.

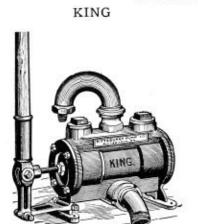
When ordering pump leathers kindly observe that-

when ordering pump reachers kindly observe that—

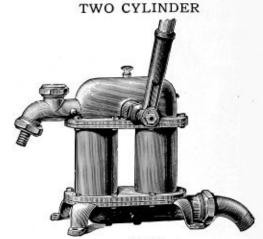
Every pump requires at least two leathers—a plunger or cup and a check valve. The outside diameter of the cup is the same as the diameter of the cylinder—for instance a 2½-inch cylinder will require a 2½-inch cup, a 3-inch cylinder a 3-inch cup, etc. The check valve varies in size according to the style of cylinder. For brass body cylinders use a check valve ½ inch wider in diameter than the cylinder. Iron or brass lined cylinders require a check valve ¾ inches wider in diameter than the cylinder—hence wider in diameter than the cylinder. Iron or brass lined cylinders require a check valve 34 inches wider in diameter than the cylinder—hence,
with a 2½ inch brass body cylinder use a 234 inch check valve,
with a 2½ inch pitcher spout pump use a 3 inch check valve,
with a 2½ inch iron or brass lined cylinder use a 3¼ inch check valve,
with a 2½ inch iron or brass lined cylinder use a 3¼ inch check valve,
Plain plungers or leathers (resemble a washer), are used by many people in making cups or plungers and
ordinarily should be ordered one inch larger in diameter than the inside measurement of the cylinder for this purpose.



#### CONTRACTORS' PUMPS







No. 104.

King. Double acting force. 5 inch cylinder. 5 inch stroke, fitted for 2 inch suction and 1 inch hose or 2 inch pipe discharge. The valve seats are brass, threaded and screwed in and the valves are metal, faced with rubber. Fitted with drip cocks to drain cylinder. Handle is reversible and can be used on either end. Will lift water 25 feet. Capacity 2 barrels per minute. Complete with suction strainer.

No. 11041/2.--5 inch polished iron cylinder ..... ...... Each \$ 16.00 No. 21041/2.—5 inch brass lined cylinder

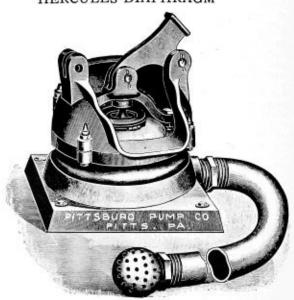
Two cylinder. Easily operated and well adapted for washing boilers and other purposes. It may be used to discharge upward through 2 inch pipe by screwing the top cap on end of spout in place of hose coupling. 4½ inch iron cylinder; 4 inch stroke. Suction 2 inch hose or pipe and discharge 1 inch hose or 2 inch pipe. Will throw about ½ gallon of water per stroke. The pump for contractors and well drillers.

#### TRIUMPH



Nos. 361 to 364.

#### HERCULES DIAPHRAGM



No. 10.

Triumph. Horizontal double acting force. Brass lined cylinder with plunger rod, valves and valve seats of bronze making all working parts non-corrosive. Brass plugs at each end of bed plate for letting water out of the

cylinder and to prevent freezing. Extensively used in fact	ories,	warenouses, wharves, etc., 101	general	I pui poses.
Nos,	361	362	363	364
Cylinder, inches		3	4	5
Stroke, inches	41/2	$4^{1}/_{2}$	$4^{1/2}$	5
Suction, inches	11/4	11/4	11/2	2
Discharge, inches	1	1	11/4	11/2
Each	28.00	30-00	33.00	44.00

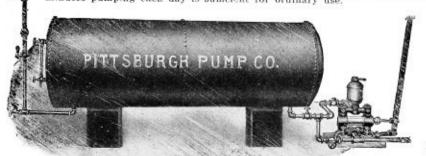
Hercules Diaphragm. Frictionless and non-chokable. Reversible lever, can be used on either side. Lower valve is of metal, rubber faced, easily accessible and readily removed. Diaphragm of best quality rubber. Particularly adapted for pumping water containing mud, sand, gravel or any semi-fluid matter. Has no equal for pumping out cesspools. Used by railroads and by builders of sewers and foundations. Suction hose of any length will be furnished and strainer attached when so ordered at best market price.

No. 10.—12½ inch diaphragm. For 3 inch iron pipe or rubber hose. Capacity, 1½ gallons per stroke, . . . . . Each \$ 44.00



#### AIR PRESSURE SYSTEM

Pittsburg Air Pressure system. This outfit requires but little space and is a favorite size for supplying water to kitchen, laundry or bathroom. The pump is especially designed for pumping both air and water and can be adjusted to pump either air or water. Will deliver water from a well or a cistern which is near by or several hundred feet distant but in no case place the pump more than 20 feet above the level of the water in the well. The tank has a total capacity of 295 gallons and will deliver 215 gallons of water when pumped to 40 pounds pressure. This outfit is a model of simplicity, combining strength with ease of operation. A few minutes pumping each day is sufficient for ordinary use.



- 1—36-in x6-ft. Pressure Tank.
- 1—Fig. 124 3-in. Brass Force Pump with Air Valve.
- 1—Pressure Gauge, 1/4.
- 1-Water Gauge, 1/2.
- 1-1-in, Brass Swing Check Valve.
- 2-1-in. Brass Globe Valves.
- 1-3/4-in. Brass Stop and Waste.
- 4-galvanized Tees assorted.
- 5-galvanized Ells assorted.
- 17—galvanized Nipples assorted.
- 3-galvanized Unions assorted.

No. 180.—Outfit complete as described above
No. 124.—Pump only. No pipe or fittings

This system is intended to be used with Gas and Gasoline Engine, Wind Mill, or other power. The pump can also be operated by hand. Can be used in Deep or Shallow wells.

The tank can be buried in the ground at the well or be located in basement of house, or in other building at any distance from well.

Air can be pumped into the tank by simply turning spigot which is located near the base of pump.

PITTSBURGH PHMP CO

#### OUTFIT INCLUDES

- 1 36-in.x10-ft. Steel Tank, total capacity 525 gallons, working capacity 350 gallons.
- Fig. 7 "REX" 3 in 1 Pump with Cock Spout and Back outlet.
- 1 Fig. 218 Pittsburgh Jack.
- 3-in. Air Cylinder with Valves complete.
- 1 2½x14-in. Brass Lined Water Cylinder, for 1¼-in. I. P., ¾-in. Steel Rod.
- 1 Water Gauge, 1/2-in. pipe.
- 1 Pressure Gauge for 1/4-in. Pipe.
- 1 1-in. Gate Valve.
- 1 1-in. Swing Check Valve.
- 1 3/4-in. Stop and Waste Cock.
- 1 1-in. Water Relief Valve.
- 1 3/4-in. Hose Bibb.

Together with Pipe and Fittings as shown in cut, and fitted ready to set up.

WATER CYLINDER-

2-inch pipe with 11/8-inch octagon wood rod and 13/4-inch tubular well cylinder can be used with No. 70 pump as described on page 325.

The advantage of this is that the valves can be drawn out at the top of the pump for repairing without removing pipe from the well or disturbing any of the fixtures.

# PITTSBURGH PUMP CO.

#### STEEL PRESSURE TANKS

Steel pressure tanks. Tested to 125 pounds air pressure, double riveted and made especially for water systems. Guaranteed air tight.

#### ATTACHMENTS FOR SAME, EXTRA.

	Manheads Each	S	33.00
	Water gauges "	,	3.00
	Pressure gauges		3.00
	Air cylinder, 21/2 or 3-inch with valves and fittings		
	complete (as shown on outfit 181) Each		8.00
PRESSURE	TANKS ONLY.		

PER	SOURE TANKS	ONLY.				
247	248	2410	306	308	3010	3012
2	2	5	21/2	21/2	21/2	21/2
7	8	10	6	8	10	12
140	190	235	220	295	365	340
\$40.00	50.00	56.00	52.00	64.00	73.00	82.00
366	368	3610	3612	428	4210	4212
3	3	3	8	31/2	31/2	31/2
6	8	10	12	8	10	12
315	420	525	630	575	720	865
\$66.00	78.00 sizes quoted on	92.00 applicatio	95.00 n.	95.00	113.00	140.00
	247 2 7 140 \$40.00 366 3 6 315 \$66.00	247 248 2 2 7 8 140 190 \$40.00 50.00 366 368 3 3 6 8 315 420 \$66.00 78.00	2 2 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	247         248         2410         306           2         2         2         2½           7         8         10         6           140         190         235         220           \$40.00         50.00         56.00         52.00           366         368         3610         3612           3         3         3         8           6         8         10         12           315         420         525         630	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$



## GALVANIZED STEEL TANKS



Round end stock watering and reservoir tanks. Made of No. 20 galvanized steel.

Can be furnished made of No. 18 galvanized steel at an advance of 20 per cent.

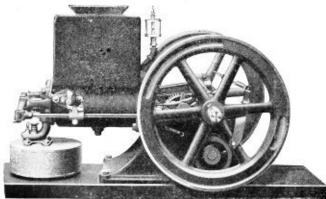
Can be furnished made of No. 16 galvanized steel at an advance of 40 per cent.

Prices on sizes not listed will be quoted upon appli-

Nos.	Width	Height Feet	Length Feet	Capacity Barrels	Weight Lbs,	Each
B13	2	2	6	53/4	102	\$ 9.00
D13	2	2	7	61/2	112	10.00
13		2	8	71/2	130	11.00
E13	2 2 2	2	10	91/2	160	12.00
14	2	21/2	8	91/2	155	12.00
15	21/2	2	8	91/3	140	12.00
16	21/2	21/2	8	12	150	13.00
17	3	2	8	12	143	13.00
18	3	21/2	8	14	169	15.50
19	4	2	8	15	181	16.50
20	4	21/2	8	17	195	19.00
21	4	3	8	23	215	23.00
22	3	2	10	14	178	15.50
23	3	21/2	10	18	204	19.50
24	3	3	10	21	210	21.50
25	4	2	10	19	224	20.00
26	4	21/2	10	24	247	24.00
27	4		10	29	275	27.00
44	4	3 2	16	30	372	30.00
45	5	2	16	38	425	36.00
46	6	2	8	231/2	230	24-00
47	6	2 2 2 5	10	281/2	275	27.00
48	4	5	10	47	370	42.00
49	6	4	10	56	450	48.00

The above sizes are shipped set up ready for use.

### STERLING GAS OR GASOLINE ENGINE





Round stock watering and reservoir tanks. Knocked-Each tank set up at factory in order that every part may fit perfectly. Each part plainly marked show-ing location. Every iron bent to proper circle and punched for rivets. Sufficient solder and rivets accompany each tank to complete it.

Made of No. 20 galvanized steel. Can be furnished made of No. 18 galvanized steel at an advance of 20 per cent.

Can be furnished made of No. 16 galvanized steel at an advance of 40 per cent.

Nos.	Diameter Feet	Height Feet	Capacity Barrels	Weight Lbs.	Each
1	4	2	6	96	\$ 9.00
2	4	21/2	7	110	10.00
3	4	3	9	125	11.00
4	4	4	12	150	13.00
41/2	4	8	24	277	23.00
5	5	2	91/2	115	11.50
. 6	5	21/2	12	135	14.00
7	5	3	14	150	15.50
8	5	4	19	200	19.00
81/2	5	5	24	250	23.00
9	6	2	14	155	16.50
50	6	6	41	325	35.00
51	6	8	54	400	42.50
52	8	5	60	425	45.00
53	8	6	72	535	52-50
54	8	8	96	640	65-00
55	8	10	120	750	80.00
56	10	8	150	1000	90.00
57	10	10	180	1150	100.00

Nos. 50 to 57 shipped knocked-down unless otherwise ordered

#### STERLING GAS OR GASOLINE ENGINES.

A high grade standard engine. Well built, tested and guaranteed. Works satisfactorily, and is easily started and taken care of. Will be found invaluable for use about the farm doing all the odd jobs of the handy-man. horse power. Horizontal hopper No. 1. -1

cooled ... Each \$ 50.00 No. 21/2.-21/2 horse power. Horizontal hopper

cooled .. 90.00 Each Horizontal hopper No. horse power. -4 cooled Each

Electric dry battery is furnished with each engine. In ordering always state whether gas or gasoline is to be used.

The Sterling engine is of the hopper cooled type, doing away with the troubles incident to the air cooled engine. Accessibility to all parts is one of the main features. The bearings are all exceptionally large and made The bearings are all exceptionally large and made

of the same high grade material and receives the same care in making as the higher priced engines.

Crank shaft is drop forged, the connecting rod having Phosphor bronze bushings at the piston end, the piston end being of hardened steel. A self-contained hard oil cup is used in the crank end of the connecting rod. The centrifugal single weight arm type of governor being used regulates the engine perfectly.

The valves are located in the cylinder head. Cylinder head and igniter are equipped with copper gasket

instead of packing.

Water can be easily drained or by mixing calcium chloride with the water, draining is unnecessary as the water will not freeze.





#### WELL BUCKETS





King.

Victor .- Made of best seasoned oak timber, heavily ironed, nicely finished and varnished. Bulged shape. Per dozen \$ 8.25 9.00 No. 126 .- Galvanized. Heavy weight. With stamped ears and heavy wire bail. Easy to handle. Capacity about 8.00 One dozen in a bundle.

#### RUBBER PUMP BUCKETS





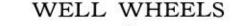


Shows Victor VR. Turned Back.

Victor No. VR.

. Per dozen \$ link. The center cut shows the rubber turned back so as to allow the nut to be moved for adjustment. One dozen in a bundle....

#### GALVANIZED PUMP CHAIN



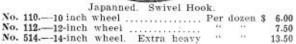


Suitable for any No. 6 .- Galvanized pump chain. style chain pump or rubber bucket. Well galvanized No. 6 wire. Averages about 3 feet to the pound ...... Per pound \$ .09 500 pounds in a cask.

#### CURB PUMP TUBING



No. 9 .- Pine tubing for curb or chain pumps. 15/8inch bore. Assorted lengths ..... Per ft. \$ .09



#### SINKS PAINTED STEEL



Six	Wrought steel, painted blue. Not a inches deep.	апест	ed by heat.
No.	1. —16x24 inches		Each \$ 2.00
	1½.—18x24 inches		
	2- —18x30 inches	***	2.00
No.	3. —18×36 inches		

GALVANIZED STEEL

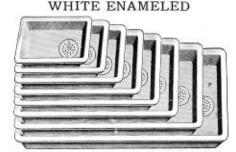
Galvanized wrought steel. Not affected by heat. Six ches deep.

11.	-16x24	inches		 			 			Each	\$ 2.50
	-18x24									64	2.75
	-18x30									44	3.25
	-18x36									64	4.00

CAST IRON

Cast iron. Round corners at bottom; square corners at top. Painted blue. Six inches deep.

a.c.	op.	rainted	Diue.	ω,	LX.		123	. 41	u.	Э.	11	Ç,	зÞ				
No.	21.	16×24	inches		٠.	90					0.6				 c.e.	 Each	\$ 1.80
No.	211/2	18x24	inches													 "	2.10
No.	22.	18x30	inches												 	 	2.50
No.	23.	18×36	inches	٠,	٠.		٠.									 **	3.00
		-20x30															3.00
No.	25.	-20x36	inches														3.70
		**		-	-							-		_			



All above sinks are fitted with lead pipe connections, unless otherwise specified, but can be fitted with iron pipe connections at an additional charge.

#### SINK BRACKETS



#### SINK TRAPS



OXO.—Improved sink trap. Can be attached to any sink, and either lead or iron pipe can be used as waste. A very convenient and serviceable trap; easily cleaned .... Each \$ 1.00

#### SINK CONNECTIONS



#### BELL TRAPS









#### **COMPRESSION BIBBS**



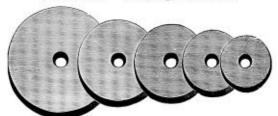
Plain brass compression bibbs. Screwed	for iron pipe.
Nos 872	873
Inches	5/8
For pipe, inches	3/4
Per dozen \$ 14.40	20.40
One-half dozen in a box.	



HOSE

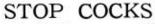
Hose brass compression	on bibbs.	Screwed for ire	on pipe.
Nos	892	892PG	893
Inches		1/2	9/8
Gauge	Eastern	Pittsburg	Eastern
For pipe, inches	1/2	1/2	3/4
Per dozen	\$ 16.80	18.60	22.80
One-h:	alf dozen	in a box.	

#### BIBB WASHERS



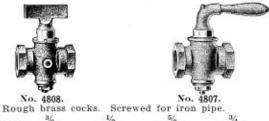
Compression Bibb washers. High grade. No. 10.— $\frac{1}{2}$  inch. Rubber, for cold water. Per 100 \$ 2.00 No. 20.— $\frac{1}{2}$  inch. Fibre, for hot water ... Per 100 \$ 2.00 No. 21.— $\frac{5}{8}$  inch. Rubber, for cold water " 2.50 No. 21.— $\frac{5}{8}$  inch. Fibre, for hot water ... " 2.50 100 in a carton.

#### STOP & WASTE COCKS











Inches	3/8	1/2	5/8	3/4	1	11/4	$1\frac{1}{2}$
No. 4809.—S. & W		19.20	26-40	31.20	43.20	72.00	108.00
No. 4808.—S. & W		19.20	26.40	31.20	43.20	72-00	108.00
No. 4807.—Stop		18.60	25-80	30.60	42.00	70-20	105.00
No. 4806.—Stop		18.60	25-80	30.60	42.00	70-20	105.00
ECOT I	TAT TT	TOO A	NID C	TDAT	DOTTI		

AND STRAINERS FOOT VALVES STRAINERS FLANGED SCREWED SCREWED



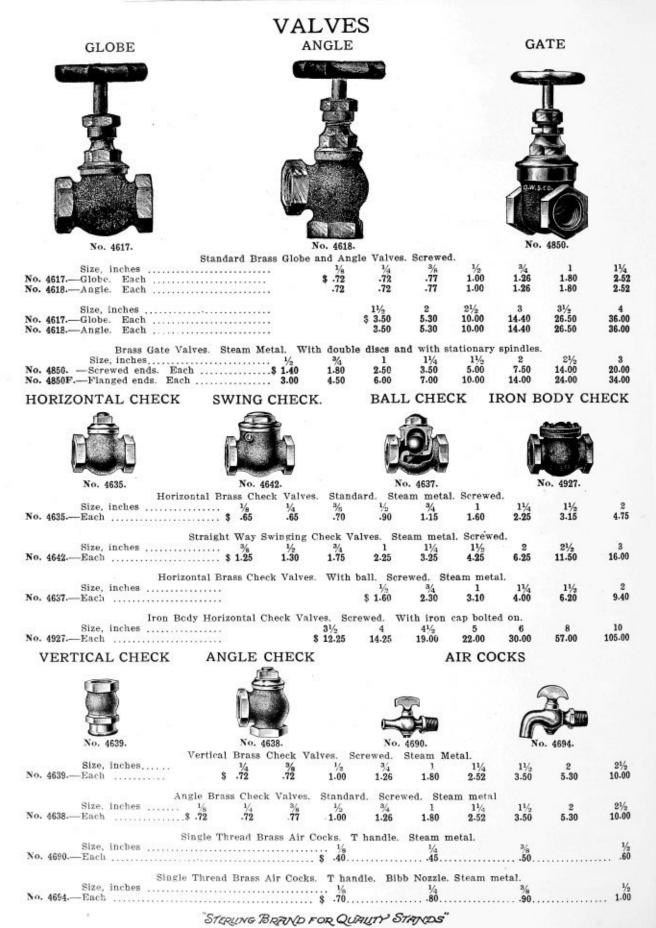






				W			6	••••	
	Nos. 4970 and 4970G.	Nos. 4971 and 49710						75 and 49750	ì.
		Standard iron body for	ot valves	s. Brass me	ounted.	Screwed	Fire contact		
	Inches		. 3/4	1		11/4	$1\frac{1}{2}$	2	21/2
No.	4970Black	Eac	h \$ 1.15	1.30		1.40	1.90	2-40	3.30
No.	4970GGalvanized		1.75	1.95		2.10	2-85	3.60	4.95
	****	Standard iron body for	t valves.	Brass mo	unted a	and screw	ed.		
	Inches		. 3	4		5	6	8	10
No.	4971Black	Eac	h \$ 3.90	7.30		11.25	14.75	41.00	64.00
No.	4971G Galvanized	"	5.85	10.95		16.90	22.15	61.50	96.00
		Standard iron body	foot valv	es. Brass	mounte	d and fla	nged.		
				21/2		3	4	5	6
	Flanges, inche	es	. 6	7		71/3	9	10	11
No.	4972 Black		h \$ 3.50	4.50		5.75	9.50	14.00	17.50
No.	4972G Galvanized		5.25	6.75		8.65	14.25	21.00	26.25
200		Ca	st iron st	rainers.					
	Inches		1	11/4	11/2	2	21/2	3	4
No.	4975Black	Each \$ .22	-25	-33	.44	-55	-82	1.10	2.00
	4975G Galvanized	" .30	.34	-43	-58	-80	1.20	1.70	3.00
	****	"STERUNG BRA	ND FOR	QUALITY	STAN	25"			







#### MALLEABLE IRON PIPE FITTINGS

BEADED ELBOW. PLAIN ELBOW. STREET ELBOW.

45° ELBOW, SIDE OUTLET ELBOW, SIDE OUTLET











BEADED TEE

PLAIN TEE BEADED CROSS PLAIN CROSS CLOSE RETURN BEND OPEN RETURN BEND







LONG DROP

ELBOW





FEMALE DROP ELBOW



DROP ELBOW

No. 4401 B.

MALE & FEMALE



DROP TEE No. 4396 C. CAP

FEMALE



COUPLING







No. 4460.

MALLEABLE IRON PIPE FITTINGS

CLASS A.

Black, Per lb. \$ .40 Galvanized, Per 1b. \$ Return bends, R. and L., 3/8 and 1/2 in. Couplings, R. H. 1/8 inch. Couplings, R and L, 1/s inch. Couplings reducing, 1/4x1/8, 3/3x1/8 and 1/2x1/2 inch.

Caps, 1/8 inch. Lock nuts, 1/2 inch. Pump rod couplings, 36, 36x 10 and 16 inch.

List Adopted June 5, 1909. Elbows, 1/8, 1/4x1/8, 3/8x1/8 inch.

Elbows, Rand L., ½ and ½ inch. Tees, ¼, ½x¼, ¼x½, ¾x½ inch. Return bends, ¼ inch.

Elbows, 1/2, 3/8, 1/4, 1/2x3/8, 1/2x1/4, and 3/8x1/4 inch.
Elbows, R and L, 1/2, 3/4 and 1 inch.
Elbows, 45° 1/4 to 2 inch inclusive.
Elbows, street, 1/4, 3/8, 1/2, 3/4, 3/4x1/2, and 1 x3/4 inch. and 1x3/4 inch. Elbows, side outlet, all sizes.

Elbows, drop, all sizes reducing and and straight.

Tees, ½, ¾, ½, ½, ¼x¾, ¾x¼, ¾x¼, ¾x¼, ¼x¼, ¾x¼x¾, and ½ jach Reducing.

Elbows, street, 1 inch and larger.

CLASS B. Black, Per Ib. \$ .20 Galvanized. Per Ib. \$

Tees, street, 3/4, 1x3/4x1 inch. Tees, four way, all sizes.

Tees, drop, all sizes straight and reducing.

Straight crosses, 1/4 to 1 inch inclusive.

Reducing crosses, 1 inch and smaller. Y bends, all sizes.

Return bends, 3/4 to 1 inch inclusive. Return bends, R and L, 3/4 inch and larger.

Couplings, R. H., 1/4 to 3/4 inch inclusive.

Couplings, R and L. ¼ to ¾ inclusive. Couplings, reducing. ¾x¼ to 1x³¼ inch inclusive.

Caps, ¼ to 1 inch inclusive. Lock nuts, 1/4 to 11/4 inch inclusive. Extension pieces, waste nuts, chandelier hooks, wall plates, allsizes.

Pump rod couplings, 1/2 and 3/4 inch.

CLASS C.

Black, Per lb. \$ .12 Galvanized, Per lb. \$ Elbows, 34 inch and larger. Elbows, R and L, 114 inch and larger. Elbows, 45°, 21/2 inch and larger.

Tees, 3/4 inch and larger. Tees, street, 1 inch and larger. Straight crosses, 1½ inch and larger. Reducing crosses, 1½ inch and larger. Return bends, 1¼ inch and larger. .19 Couplings, R. H., 1 inch and larger. Couplings, R. and L., 1 in. and larger Couplings, reducing, 11/4 inch and larger.

Caps, 11/4 inch and larger.

Lock nuts, 11/2 inch and larger.

Fittings in class C. having one or more outlets smaller than 3/4 will be charged in class B. The above prices on galvanized fittings are for Standard sizes only. Other sizes will be made to order at a special price according to quantity ordered.

The run of Tees, (bullheads) gives the size for the purpose of classification, and the outlet being larger does not change it.

Note.—In ordering malleable fittings be careful to state whether plain or beaded are wanted, and whether they are to be black or galvanized.

#### MALLEABLE UNIONS



BUSHINGS





#### Malleable Iron Unions.

Size, inches		1/4	3/9	1/2	3/4	1	11/4	11/2	2
Size, inches	Each	-18	-20	.22	-27	.33	.46	-58	.75
No. 4405G Galvanized.									

#### Malleable Bushings.

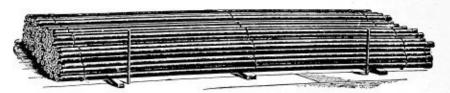
Size, inches		3/2	3/2	3/4	1	11/4	11/2	2
No. 4423. —Black.	Each\$	.04	.04	-05	.06	.07	.09	.14
No. 4423G —Galvanized.								

#### Plugs.

No.	4427.—Black.	Inches		1/4	3/6	1/2	3/4	1	11/4	11/2	2
		Wach	9	0.0	0.0	60	0.2	0.4	0.5	0.7	10



#### PIPE



Standard Steam, Gas and Water Pipe.

Black and Galvanized

Nominal Inside Diameter	Price per Foot	Thickness	Nominal Weight per Foot	Number of Threads per Inch of Screw
1/4	\$ .051/2	.068	0.24	27
1/8 1/4 3/8 1/2 3/4	.051/2	.088	0.42	18
3%	.051/2	.091	0.56	18
1/0	.081/2	.109	0.84	14
3/4	-111/2	.113	1.12	14
1 4	-161/2	.134	1.67	111/2
11/4	-221/2	.140	2.24	111/2
11/2	-27	.145	2.68	111/2
2	-36	.154	3.61	111/2
21/2	.571/2	.204	5.74	8
3	.751/2	.217	7.54	8
31/2	.95	.226	9.00	8
4	1.08	.237	10.66	8
41/2	1.30	.246	12.49	8
5	1.45	.259	14.50	8
6	1.88	.280	18.76	8
7	2.35	.301	23.27	8
8	2-82	.322	28.18	8
9	3.40	.344	33.70	8
10	4-25	.366	40.00	8
11	4.75	.375	45.00	8
12	5.20	.375	49.00	8

Unless otherwise ordered, black pipe, random lengths, with threads and couplings will be shipped. For cut lengths an extra charge will be made above random lengths. For pipe smoothed on the inside, known as plugged and reamed, an extra charge will be made above regular pipe. For galvanized pipe an extra charge will be made above black. For asphalted pipe an extra charge will be made above black.

Extra Strong Steam, Gas and Water Pipe,

Size Inches	Actual Outside Diameter	Nominal Inside Diameter	Thickness	Nominal Weight per foot	Price per foot
1/8	.405	.205	.100	.29	\$ -11
1/4	.540	.294	.123	.54	-11
3/8	.675	.421	.127	.74	.11
1/2	.840	.542	.149	1.09	.12
3/4	1.05	.736	.157	1.39	-15
1	1.315	.951	.182	2.17	-22
11/4	1.66	1.272	.194	3.00	-30
11/2	1.90	1.494	.203	3.63	-36
2	2.375	1.933	.221	5.02	-50
21/2	2.875	2.315	.280	7.67	-81
3	3,500	2.892	.304	10.25	1.05
31/2	4.000	3.358	.321	12.47	1.33
4	4.500	3.818	.341	14.97	1.50
41/2	5.000	4.280	. 360	18.22	1.95
5	5.563	4.813	.375	20.54	2-16
6	6.625	5.750	.437	28.58	2.90
7	7.625	6.625	.500	37.67	3-80
7	8.625	7.625	.500	43.00	4.30

Extra Strong will be shipped in random lengths and plain ends unless otherwise ordered. For pipe fitted with threads and couplings an extra charge will be made above regular. For cut lengths an extra charge will be made above random. For galvanized or asphalted an extra charge will be made above black.

## WROUGHT IRON NIPPLES



No. 443



No. 4431



Wrought Iron Nipples. Threaded. Right hand.

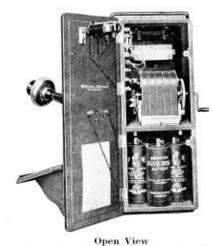
L	ENGTH	I IN INCHES		PRIC	ES	PRICES OF EXTRA LONG NIPPLES				S				
Close	Short		SIZES	or El N Close			-		Lengt	h in In	ches		6.9	
No. 4423	No. 4431	Long No. 4432	SIZ	or Short	Long	4	5	6	7	8	9	10	11	12
3/4 7/8 1 11/8 13/8 11/2 15/8 13/4 2 21/2 23/4 3 3 31/2 31/2	$1\frac{1}{2}$ $1\frac{1}{2}$ $1\frac{1}{2}$ $1\frac{1}{2}$ $1\frac{1}{2}$ $2\frac{1}{2}$ $2\frac{1}{2}$ $2\frac{1}{2}$ $3\frac{3}{4}$ $4\frac{4}{4}$ $4\frac{1}{2}$ $4\frac{1}{2}$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$\frac{1}{8}$ $\frac{1}{4}$ $\frac{3}{8}$ $\frac{1}{4}$ $\frac{3}{8}$ $\frac{1}{4}$ $\frac{3}{8}$ $\frac{1}{4}$ $\frac{3}{8}$ $\frac{1}{4}$ $\frac{1}{4}$ $\frac{1}{4}$ $\frac{2}{2}$ $\frac{2^{1}}{2}$ $\frac{3}{4}$ $\frac{4}{4}$ $\frac{4}{4}$ $\frac{1}{4}$ $\frac{1}{4}$	\$ 0.04 .04 .04 .05 .06 .08 .11 .13 .18 .39 .48 .75 .85 1.25 1.55	.06 .06 .06 .07 .09 .13 .17 .20 .27 .59 .72 1.05 1.20 1.70 2.45 2.90	.07 .07 .07 .07 .08	.08 .08 .08 .10 .11 .15 .20 .25 .32	.10 .10 .10 .12 .13 .18 .24 .29 .38 .68	.12 .12 .12 .14 .17 .23 .29 .36 .50 .90 1.08 1.30 1.52 2.25 2.58 3.05	.14 .14 .14 .16 .18 .25 .33 .40 .54 .97 1.20 1.45 1.69 2.50 2.83 3.35	.15 .15 .15 .18 .20 .28 .36 .45 .59 1.06 1.33 1.60 1.87 2.75 3.10 3.70	.17 .17 .17 .20 .22 .31 .40 .56 1.17 1.45 1.75 2.05 2.95 3.35 4.00	.18 .18 .12 .22 .24 .34 .54 .72 1.26 1.58 1.90 2.22 3.17 3.60 4.30	.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1



#### TELEPHONES

#### MAGNETO TYPE





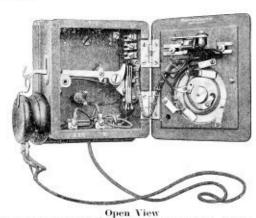
Closed View

No. 1317H.—Magneto type. Shelf wall set adapted for use on bridging lines. Compact in form measuring 24 inches in height and 9½ inches in width. All working parts easily accessible. Oak finish case. The generator, ringer, switch hook and induction coil located in upper part of case and space is provided in the lower part for three 6-inch standard dry cells. Equipped with a 1000 ohm ringer, 3 bar, open circuit, alternating current generator and short self-contained switch-hook. Complete with batteries ready for installing.

Each \$ 15.00

#### INTER-PHONE





Closed View

No. 1327A.—Inter-phone. Walnut case 5 inches wide, 5½ inches high and 4 inches deep. Nickel trimmed. Carefully made—the workmanship and material being the best. Easy to install and the cost of maintenance is no more than that for an electric door bell. Three or four dry batteries will furnish the current for both signaling and talking. Furnished complete (except wire and batteries) ready for installing. Designed for use in the house between rooms or from house to barn, stable or garage. Each § 7.50

#### PONY INSULATORS

#### OAK BRACKETS

#### LOCUST PINS



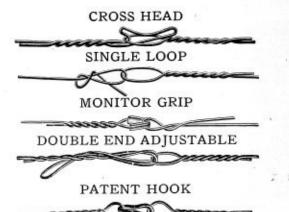
No. 9.—Glass pony insulator. %-in. groove. Per 100 ........ \$ 4.50







#### BALE TIES



List adopted Jan'y 2, 1907.

Per bundle of 250 ties.

Length in feet	No. 16 Wire	No. 15 Wire	No. 14 Wire	No. 13 Wire	No. 12 Wire	Length in feet	No. 16 Wire	No. 15 Wire	No. 14 Wire	No. 13 Wire	No. 12 Wire
5	\$ 2.63	\$ 3.19	\$ 3.66	\$ 4.46	\$ 5.47	83/4	4.11	5.05	5.34	7.17	- 8.87
51/4	2.72	3.32	3.80	4.64	5.70	9	4.20	5.18	5.97	7.35	9.10
51/2	2-82	3.44	3.94	4.82	5.92	91/4	4-31	5.29	6.13	7.54	9.33
53/4	2.91	3.56	4.10	5.00	6.16	91/2	4-40	5.42	6.28	7.72	9.56
6	3.01	3.69	4.23	5.18	6-38	93/4	4.50	5.55	6.41	7.90	9.79
61/4	3.10	3.82	4.38	5.36	6.61	10	4.59	5.67	6.56	8.08	10.01
61/2	3.21	3.93	4.53	5.54	6-83	101/4	4.69	5.79	6.71	8.26	10.24
63/4	3.30	4.06	4.67	5.72	7.06	101/2	4.78	5.92	6.85	8.42	10.46
7	3.41	4-19	4.82	5.90	7.29	103/4	4.90	6.03	7.00	8.60	10.69
71/4	3.50	4-31	4.97	6.09	7.51	11	4.98	6.17	7.15	8.79	10.92
71/2	3.60	4.44	5.10	6.27	7.74	111/4	5.09	6.28	7-28	8-97	11.15
73/4	3.71	4.56	5.26	6.45	7.97	111/2	5.18	6.41	7.43	9.15	11.38
8	3-81	4.68	5.40	6.63	8.20	113/4	5.28	6.54	7.58	9.33	11.60
81/4	3.92	4.81	5.54	6.81	8-42	12	5.38	6-65	7.72	9.51	11.83
81/2	4.01	4.92	5.69	6.99	8.65		0.0000000		1	1	-

For baling or bundling hay, straw, flax, tow, excelsior, broom corn, wool, cotton, cotton seed hulls, rags, lintels, shavings, sawdust, leather, headings, staves, etc. For use in any kind of press.

To get the length of tie required, add three inches to the measure around the bale, when under pressure.

#### Information as to Size Ties Used in Various Presses for Convenience in Ordering.

For 17 x 22 Perpetual Presses, use Ties 8, 81/2 or 9 feet long. No. 14 wire for heavy work, and No. 15 for light work. For 14 x 18 Perpetual Presses, use Ties 8, 81/4 or 81/2 feet long. No. 14 wire for extra or extreme heavy work, No. 15 for heavy and medium work, and No. 16 for light work.

For 12 x 15 Perpetual Presses, use Ties 71/2, 73/4 or 8 feet long. No. 15 wire for heavy work, and No. 16 for medium or light work.

For Upright Hand Presses, use No. 14 and No. 15 wire.

For Upright Light Horse Presses, use No. 14 wire.

For Upright Heavy Portable or Light Stationary Horse Presses, use No. 13 wire.

For Upright Heavy Stationary and Beater Presses, use No. 10, No. 11 and No. 12 wire, according to the size of Bale and number of Ties used.

In ordering specify Style Wanted, as well as Length and Gauge of Wire.

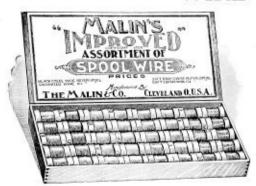
#### ANNEALED BALING WIRE

	No. 14	-						3
	No. 15	- ,						
	No. 16							
ment	Annealed s of Hay B	Baling Wire. Balers.	Higher in te	nsile strength	than ordinary	Annealed Fencing	and suitable for t	he require-
Nos. Per 1	pound					14	15 14	16 .15

In bundles containing 100 pounds.



#### WIRE ON SPOOLS



#### HAIR WIRE



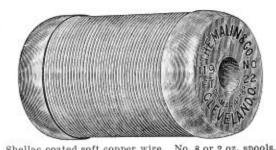
#### STOVE PIPE WIRE



No. 20.—Soft annealed stove pipe wire In coils of 50 feet. Convenient and useful in putting up stove pipe, etc.,..., Per dozen coils \$ .80 One dozen in a box.



No. 147.—Retail dealers' stock. Contains 147 spools covering all the most salable sizes and grades without an excessive stock of any. Contents: 12 No. 5 spools annealed steel wire each, 28, 30, 32 and 34; 3 ¼-pound spools annealed steel wire each, 18, 20, 22, 24 and 26; 12 No. 5 spools tinned steel wire each, 28, 30, 32; 3 ¼-pound spools tinned wire each, 18, 20, 22 and 24; 6 No. 4 spools copper wire each 20, 22 and 24; 6 No. 4 spools soft brass wire, each 20, 22 and 24...... Per case § 7.00



Shenac coated s	m copp	CI WILL.	140. 0 01	e our ob.	00101
Nos	22	24	26	28	30
Per dozen	\$ 1.60	1.73	1.80	2-35	2.80
Shellac coated	anneal	ed steel	wire. 1/4	tb. spoo	ls.
Nos	16	18	20	22	24
Per dozen,	\$ .96	.96	1.02	1.10	1.14
Shellac coated	spring	brass	wire. 1/4-	lb. spoo	ls.
Nos	16	18	20	22	24
Per dozen	\$ 2.20	2-20	2.20	2.40	2-60
Shellac	coated	copper	wire. 1/4-	tos.	
Nos 14	16	18	20	22	24
Per dozen \$ 3.60	2.20	2.20	2.20	2-40	2.60

No. 14 in coils; other numbers on spools.

All above one dozen in a box.

#### ANNUNCIATOR WIRE



Insulated or annunciator wire. No. 18 gauge copper covered with insulation.

No of or	foot spools	Per dozen	\$ 2.50
No. 25.— 25	100t spoots,	"	4 40
No. 50 50	foot spools		4.40
No. 100100	foot spools		7.75
	One dozen in a box.		







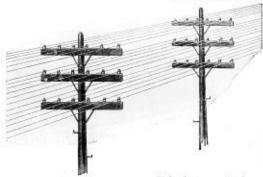


9 10 11 12 13 14 15 16 17 18 19 20 No. 1

Advances on s	mooth	fence wire	over	annealed l	base.	Per 100	pounds.			
Nos	0 to 9	10	11	12 & 121/2	13	14	15	16	17	18
Annealed	Base	.05	.10	.15	-25	-35	.45	-55	.70	-85
Galvanized	\$ .30	.35	.40	-45	-55	-65	1.05	1.15	1.70	1.85
T2			4	. 1 31	5 - A			Sec. 21.	and the late of	

Even weight bundles 75 pounds and upwards, 5 cents per bundle extra, except 100 pound bundles, which are considered standard and take no extra charge.

#### TELEPHONE AND TELEGRAPH WIRE



Birmingham Wire Gauge	Decimal Diameter	Bundles per Mile	Weight per 100 ft. Pounds	Weight per Mile Pounds	Weight per Mile Obm-	
6	.203	3	112	590	Extra BE	
8	.165	2	74	390	4700 to 5000	lbs.
9	.148	2	60	314	-	
10	.134	2 2 2 2	49	258	BB	
11	.120	2	39	206	5600 to 6000	lbs.
12	.109	2	32	170	Steel	
14	.083	2	19	99	6500 to 7000	lbs.
Nos			6 to 9	10 & 11	12	14
Extra BB, pe	er pound		\$ .09	.091/2	.10	-11
BB	46		.061/2	.07	.071/2	-08
Steel	64		.06	.061/2	.07	-071/2

Telephone and telegraph wire. High grade extra galvanized.

Extra BB.—Uniform in quality, pure, tough and pliable. Stands highest in conductivity.

BB.—Grade in most general use. Meets the requirements of local telephone companies for medium toll lines, etc. —More expressly designed for short-line telephone service, where a measure of conductivity can be exchanged for tensile strength in a light wire. Steel.

To find the resistance in ohms in any grade and size, divide the weight per mile ohm of the grade in question by the weight per mile and the quotient will be the resistance in ohms per mile.

#### MARKET WIRE

	Net advanc	e per 1	00 pound	s over ba	ase price.					
Nos	9 & Coarses	r 10	11	12	13	14	15	16	17	18
Annealed	Base	.05	.10	.15	.25	-35	-45	-55	.70	-85
Bright	Base	.05	.10	.15	.25	.35	.45	.55	.70	-85
Galvanized	. \$ .30	.35	.40	.45	-55	-65	1.05	1.15	1.70	1.85
Coppered	-30	.35	.40	.45	-55	-65	.90	1.00	1.15	1.30
Tinned	1.00	1.05	1.10	1.15	1.25	1.35	1.45	1.55	1.70	1.85
Tinned, Annealed	1.50	1.55	1.60	1.65	1.75	1.85	1.95	2.05	2.20	2.35
Standard weight of bundles, 100					cluding 6		bundles	s) 5c per	bundle	extra,

except 100 pound bundles which are considered standard and take no extra charge.

		STO	NE WI	RE			
Nos	16	17	18	19	20	21	

24 .15 .24In bundles containing a stone or about 12 pounds.

Carried in stock in gauges 16, 17, 18, 19 and 20; other sizes shipped from mill direct. The above list also applies to bright, coppered, liquored or galvanized wire in stones.

#### TINNED STONE AND BROOM WIRE

\$ .181/2 

18

19 & 20

21 & 22

23 & 24

25

.22

#### TABLE SHOWING SIZE, WEIGHT AND LENGTH OF WIRE

Gauge Nos	0 1	2	3	4	5	6	7	8	9	10
Diameter, inches	3065 .2830	.2625	.2437	.2253	.2070	.1920	.1770	.1620	.1483	.1350
In feet in 100 pounds	399 468	544	631	738	875	1017	1197	1429	1705	2057
Weight 100 feet, lbs 2	5.06 21.36	18.38	15.84	13.54	11.43	9.832	8.356	7.000	5.866	4.861
Weight, 1 mile, lbs	1323 1128	970	836	715	603	519	441	369	309	256
Gauge Nos	11	12	13	14	15	16	17	18	19	20
Diameter, inches		.1055	.0915	.0800	.0720	.0625	.0540	.0475	.0410	.0348
Feet in 100 pounds	2582	3369	4478	5858	7232	9598	12860	16620	22300	30960
Weight, 100 feet, Ibs	3.873	2.969	2.233	1.707	1.383	1.042	.7778	.6018	.4484	.3230
Weight, 1 mile, lbs	204	156	118	90	. 73	55	41	31.77	23.67	17.00
Weights and le	ngths given	are appro	oximate, t	o aid in	ordering	, but are	not gua	ranteed.		



#### FENCE WIRE AND STAPLES

TWO POINT BARBED



#### FOUR POINT BARBED



Any of the above styles can also be furnished put up on 80 rod spools by shipping from factory direct.

#### AMERICAN SPECIAL BARBED



American special two point regular or cattle barbed wire. Made of No. 14 galvanized wire. Round barbs 5 in. apart. On 80 rod spools . Per spool \$ .... American special two point thick set or hog barbed wire. Made of No. 14 galvanized wire. Round barbs 3 in. apart. On 80 rod spools . Per spool \$ .... American special furnished only galvanized and on spools as noted. Average weight of spools 52 pounds.

#### TWISTED RIBBON

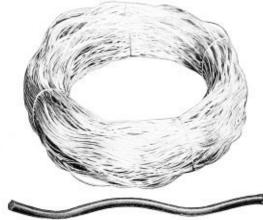


#### TWISTED CABLE



Twisted cable galvanized wire. Two strands of 12-121½ galvanized plain wire twisted together. Approximately 16 feet to the pound or 6 pounds to the 100 feet. On pony reels averaging 70 pounds. Per 100 lbs. \$...

#### COILED SPRING



Galvanized coil spring or crimped steel fence wire. The wave allows for contraction or expansion due to weather conditions.

No. 9161/2	feet to	the	poundPer	100	lbs.	\$	
No. 10.—20	feet to	the	pound	44			
			pound	44			
In catchweigh	ht bund	les	weighing approxin	nate	ly 13	30	lbs.

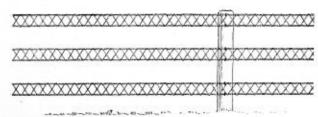
#### FENCE STAPLES





100 pounds in a keg.

#### TRUSS AND CABLE FENCING



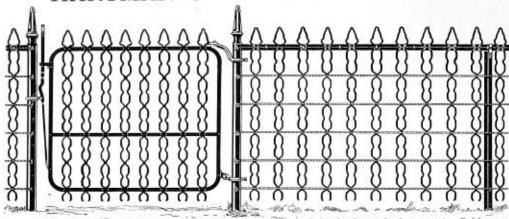


A very strong, handsome, durable and economical fencing.

As will be seen, each strand is composed of six wires thoroughly galvanized of superior quality. The strength of the strand is equal to the combined tensile strength of all the wires. The provision for stapling to the posts prevents the strands from stretching through the staples and causes the fence to stand and hold its shape. No loose saggy places; no skill or expensive special tools are required for properly erecting this wire. Put up in small and compact reels weighing 100 pounds each which are easily handled in the field and warehouse.

Truss and Cable.—2-inch strand. No. 13 wire is used in the cable, and No. 14 wire in the truss. Weighs 2

#### HARTMAN STEEL PICKET FENCE



Hartman steel picket fence style 1. Pickets of No. 6 galvanized steel wire, 3 inches apart. Cables consisting of 2 strands of No. 12 galvanized wire, 6 inches apart. An extra heavy high grade general purpose fence at a medium price. Easy to erect, has long life and is ornamental. Can be erected on wood frame. In rolls containing 300 lineal feet. 37 Height, inches ..... 43 49 25 31 12 No. of cables ..... 6 7 8 10 11 5 .94 Per lineal foot 40 .46 .32 .36 Each \$ 7.00 10.00 11.00

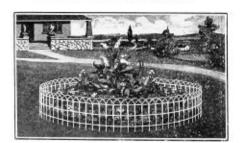
Walk gates 31/2 or 4 feet wide or drive gates 9 feet wide can also be furnished. Special booklet and prices on application.

WW	TYYY	M	W	W	TY	W
111						
3 1 1	1111	111	111	111	11	
111	111		133	111	11	1
3 3 3	1		1	{ } }	111	+
111	} } { }		\{\{\}	<b>}</b> }{	111	
111	1) (		} { }	} } }	111	

Crimped steel picket fence style 10. Pickets of No. 10 galvanized wire 3 inches apart. Cables consisting of 2 strands of No. 13 galvanized wire, 6 inches apart. good general purpose lawn fence at a low price.

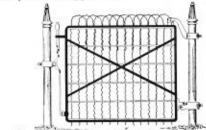
Height, inches.... 30 Per lineal foot... \$ .16 .18 .26 In rolls containing 200 lineal feet.

## FLOWER BED GUARD



Flower bed guard and lawn border. Made of No. 10 galvanized wire. Cables consist of 2 strands of No. 13 galvanized wire twisted together. Requires no post and conforms to any shape of bed. Indispensible for lawns, parks and cemeteries. In rolls containing 150 lineal feet.

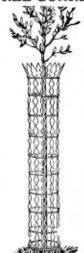
No. 16 16 inche	s high	Per	lineal	ft. S	.10	
No. 22 22 inche	s high		11		40	



Crimped wire gates to match style 10 fence. Height, inches.... 30 36 42 \$ 5.60 Each 5.60 7.20

Can also furnish walk gates 3½ or 4 feet wide or drive gates 9 feet wide. Prices on application.

#### TREE GUARDS



Hartman steel picket tree guard. Made of No. 81/2 galvanized wire with 2 strands of No. 12 galvanized wire for cables, spaced 6 inches apart. With springs for keeping the guard in shape as well as protecting the tree and allowing for expansion with growth of tree. erected, very durable owing to heavy wire used, yet pop-

ular in price. No. 28312.—Diameter 8 in. Height 5½ ft. Per doz. \$ 22.00 No. 286. —Diameter 8 in. Height 6 ft. " 24.00 -Diameter 8 in. Height 6 24.00 No. 1951/2.—Diameter 9 in. Height 51/2 ft. 24.00 -Diameter 9 in. Height 6 26.00

Not carried in stock; shipped from factory direct.

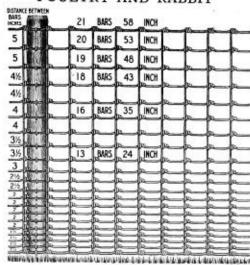
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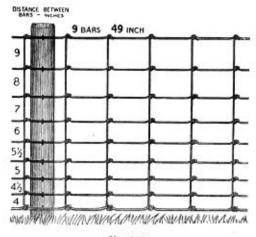


## NATIONAL WOVEN WIRE FENCING

POULTRY AND RABBIT

FIELD OR FARM





Nos. 2158 to 1324.

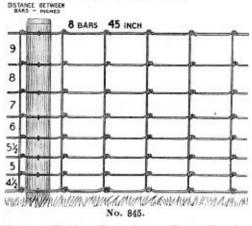
No. 949.

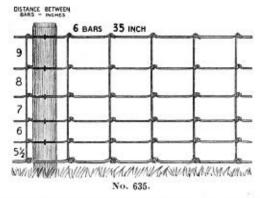
National Poultry and Rabbit fence. Top and bottom wires No. 11; intermediate wires No. 13; stay	wires N	0. 14.
All thoroughly galvanized. The ideal fence for poultry yards, gardens and orchards. 6 inch stays.		
No. 2158.—Height 58 inches. Weight per rod about 12.9 lbs.	Per rod	\$ 1.19
No. 2053.—Height 53 inches. Weight per rod about 12.2 lbs	44	1.13
No. 1948.—Height 48 inches. Weight per rod about 11.5 lbs	44	1.07
No. 1843.—Height 43 inches. Weight per rod about 10.8 lbs	-6.6	1.01
No. 1635.—Height 35 inches. Weight per rod about 9.5 lbs.	144	-89
No. 1324.—Height 24 inches. Weight per rod about 7.6 lbs	**	.72
In rolls containing 10, 20 or 30 rods.		

National Field or Farm fence. Especially adapted for fencing fields and pastures. Economical and serviceable design and makes an excellent line fence. Top and bottom wires No. 9; intermediate wire No. 11; stay wires No. 12. All thoroughly galvanized.

#### FIELD OR FARM

#### FIELD OR FARM





In rolls containing 20, 30 or 40 rods.

National Fence is made of thoroughly galvanized wire and embodies all good features of the older style fences with many new improvements. The sizes of the wire are right; the spacing is right, making an ideal fence for all purposes. The National stay has no protruding ends at intersections to scratch and mutilate stock—one continuous piece of steel from one end to the other and from top to bottom. Cannot slip-just as secure at top and bottom as at other intersections.

Can be furnished in other heights, and made of heavier wire. Prices quoted on application.

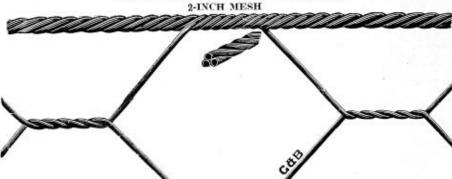


6

900

#### GALVANIZED POULTRY NETTING

GALVANIZED AFTER WEAVING

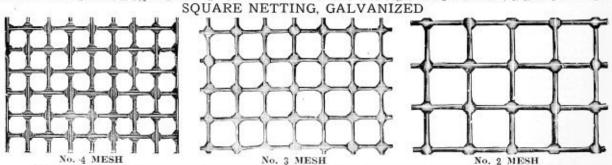


Galvanized steel wire. Hexagon mesh. Double twisted. Galvanized after weaving.

2 inch mesh No. 20 wire.	2 Stra	and Selv	age.				
Width, feet 1 1½	2	21/2	3	31/2	4	5	6
Roll contains, square feet	300	375	450	525	600	750	900
Per 100 square feet, all sizes as above							\$ 2.25
2 inch mesh No. 19 wire.	3 Stra	and Selv	age.				**********
8 feet wide. Roll contains 1200 square feet. Per 100 square feet							. \$ 2.50
2 inch mesh No. 16 wire.	3 Stra	nd Selva	age.				21/20/20
Width, feet		3	0.700	4	5		6
Roll contains square feet		450		600	75	0	900
Per 100 square feet, all sizes as above							\$ 5.50
Sold only in full rolls conta	ining 1	50 lineal	feet.				

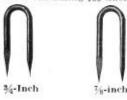
1-INCH MESH Strand Selvage. 1 inch mesh No. 20 wire. 2 Width, feet 21/2 11/2 2 3 21/ Roll contains, square feet 150 225 300 375 450 525 600 750 Per 100 square feet, all sizes as above, \$5.50

Sold only in full rolls containing 150 lineal feet. The lighter weights of 2 inch mesh netting are generally used for poultry yards. The 16 gauge makes a substantial and attractive lawn or division fence at a very low cost. A very desirable poultry yard fence consists of a 1 inch mesh next the ground, 1, 1½ or 2 feet high (to enclose small chicks) then regulation 2 inch mesh, 4, 5, or 6 feet high.



Galvanized square mesh netting or hardware cloth. Galvanized after weaving, which prevents the wires moving at the intersection and makes a smooth joint. Used for window guards, sand screens, sieves, tree guards, etc. The number indicates the meshes to the square inch, thus No. 4 has 4 squares or openings to the inch in either direction. No. 4.—22 gauge wire, galvanized. Widths 24, 30, or 36 in. In rolls containing about 50 lineal ft. Per 100 sq. ft. \$ 7.50 Widths, 24, 30, or 36 in. In rolls containing about 50 lineal ft. " 7.00 No. 3.--20 gauge wire, galvanized. -18 gauge wire, galvanized. Widths 24, 30 or 36 in. In rolls containing about 50 lineal ft. 7.00

24 inch rolls contain about 100 square feet; 30 inch, about 125 square feet; 36 inch about 150 square feet. containing 100 lineal feet and widths narrower or wider than those listed can be furnished from factory direct.



#### POULTRY NETTING STAPLES

Galvanized poultry netting staples. % inch average about 480 to the pound; % inch about 416 to the pound. 1/2 pound papers. One dozen in carton ..... 1 pound papers. 100 pounds in case ...... Per pound \$ .10 .091/2 44 .09 .08 100 pound kegs



#### WIRE CLOTH

#### BLACK PAINTED



#### BRONZE



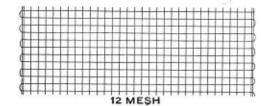


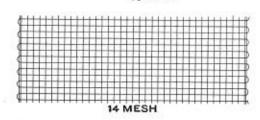


12 MESH

12 MESH

14 MESH





#### BLACK PAINTED.

Made of selected wire No. 33 gauge. 12 mesh. Double selvedge, no raveling. Thoroughly and evenly painted. Every roll undergoes rigid inspection and is fully guaranteed to be of superior quality and accurate in the width and length.

400 

Sold only in full rolls containing 100 lineal feet

#### OPAL GALVANIZED.

Made of selected wire No. 33 gauge. 12 mesh. Double selvedge, no raveling. New double process of double thick zinc coating. Extra galvanized after weaving. By this process a far more uniform finish is produced which long retains its original color and appearance. The fabric is protected by more than twice the usual thickness of zinc coating and is therefore more than twice as durable.

Width, inches	24 200	$\frac{26}{216^{2/3}}$	28 233 <sup>1/3</sup>	30 250	32 266 <sup>23</sup>	34 283 <sup>1/3</sup>	36 300
Per 100 square feet, all sizes as above		********	reconstruction and	nere e e e			\$ 4.00

Sold only in full rolls containing 100 lineal feet.

#### GOLDEN BRONZE.

Made of selected bronze wire, 31 gauge lengthwise, 32 gauge crosswise. 14 mesh. Bright finish. Double selvedge loops turned on both edges which prevent raveling. Is practically indestructible and requires no painting. Will not rust. Every roll carefully inspected and guaranteed to be of highest grade and accurate in width and length. Owing to its lasting qualities is coming more into general use every year. Carried in stock only in rolls containing 50 lineal feet.

Width, inches 50 ft roll contains, square feet	26 108 <sup>1/3</sup>	28 116 <sup>2/3</sup>	30 125	32 133 <sup>1/3</sup>	34 141 <sup>2/3</sup>	36 150
Por 100 couere feet ell sizes es above						e 19.00

Carried only in rolls containing 50 lineal feet.

Full rolls containing 100 lineal feet can be shipped from factory direct.

30.00

#### WIRE CLOTH RACKS

#### BOWSER

#### BOWSER DISPLAY RACKS



Bowser wire cloth display racks. Attractively painted and varnished. Card plates opposite each roll giving space for size and for selling price. Small crank with each rack. With easel requiring very little floor space. Keeps the cloth clean and is always ready for use. With casters for ease in moving. A yard stick with each rack. No. 5. —Holds 5 rolls. Suitable for cloth from

26 to 34 inches wide. Floor space required 16x40 inches ..... Each \$ 13.00

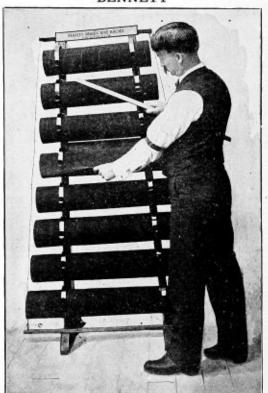
No. 7. —Holds 7 rolls. Suitable for cloth from 24 to 36 inches wide. Floor space required 18x40 inches ...... Each 15.00

No. 9. —Holds 9 rolls. Suitable for cloth from 20 to 36 inches wide. With re-winding device. Floor space required 18x42 inches . . . . Each 22.00

No. 18. —Holds 18 rolls. Suitable for racking two rolls each from 20 to 36 inches. Hinged at top, operated from both sides and fitted with re-winding device. A rack with capacity sufficiently large to enable the dealer to carry and cut the various sizes and styles of cloth called for. Floor space required 32x42 inches ... Each

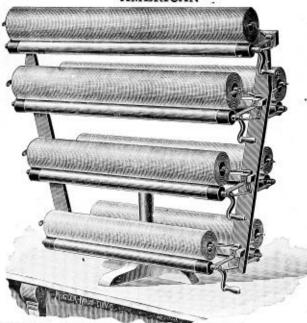
Full directions for operating accompany each rack. All papered and securely crated to insure safe delivery. One in a crate.

#### BENNETT



Bennett.—Holds 8 rolls. Suitable for cloth from 24 to 38 in. wide. Height 5½ ft. and well balanced. Requires floor space 20 x38 in. Enables operator to unroll, measure and cut at one operation and from one position without interfering with rolls above or below ...... Each \$ 8.25 One in a crate.

AMERICAN



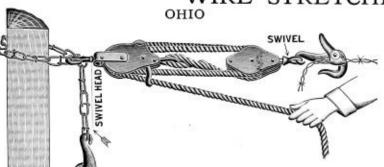
American.—Holds 7 rolls. Suitable for cloth from 24 to 36 in. wide. Revolves on the center standard, takes up very little room and keeps the wire in condition until used. Base requires a space 16 in. x 30 in. high. Weight about 40 lbs. Is easily operated and the cloth quickly adjusted...... Each \$ 9.75

One in a crate.

Not carried in stock; shipped from factory direct.



#### WIRE STRETCHERS



-All steel. Extra heavy bearings, strong and full length chain, and swivel head. Fitted with best qual-ity 3/8-inch rope. The locking device is automatic and direct acting, locking in any position . . . . . Per dozen \$ 11.25 One-half dozen in a bundle.

COME-ALONG

Come-Along.—Two rings. Substantially made. The old original pattern and by many considered the ideal stretch-One dozen in a bundle.

#### NEVER SLIP



Never Slip.—Wire stretcher and staple puller combined—two tools in one. Pulls all kinds and sizes of wireround, flat, twisted, barbed or woven—also pulls the staples. A perfectly smooth jaw. Has no teeth to cut or injure the wire. Stretches wire to the last post in a straight line or around a hay stack. Has no equal 

#### LITTLE GIANT

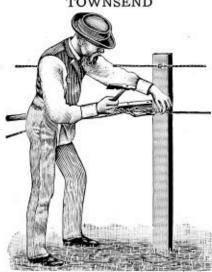


Little Giant .- Malleable iron frame and clamp with ½-inch jute rope. You simply turn the crank. For stretching or splicing....Per dozen \$ 9.75

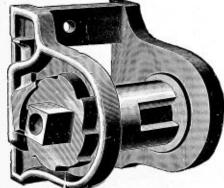
One dozen in a bundle.

IXL RATCHETS

#### TOWNSEND



Fownsend.—Length, 36 inches. Wood handle, mal-leable clamp and swivel. All securely bolted. With this stretcher the user can nail the wire to the post from which he is stretching without assistance. One dozen in a bundle. Per dozen \$ 10.50



......Per dozen \$ 1.35 IXL .- Cast iron .....

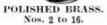
Eight dozen in a case.



... Per dozen \$ 1.15 Eureka .- Cast iron Eight dozen in a case.









Nos. 4P to 10P.



AUCTIONEERS' No. 139.

	Polished	brass wit	h ena	meled wood	handles.				
Nos	2	3	4	6	8	10	12	14	16
Diameter, inches	25/8	3	33/8	4	5	5 %	6%	71/8	81/4
Per dozen	\$ 3.50	4.50	6.50	11.25	18.50	30.00	36.00	48.00	62.00
Swiss. Pure me	tal, finely	polished	with	stained ma	hogany har	ndles. Ext	ra tinned.		
Nos			4P		6P		8P		10P
Diameter, inches			31/8		33/4		43/4		55%
Per dozen					13.50		22.50		38.25
Auctioneers' or milkm	en's. Pur	e bell me	tal, fir	nely polishe	d. Made er	ctra heavy	throughou	ıt.	
No. 139.—Buell pattern. Diameter	6% inches							er dozen	\$ 40.00



No. 70 .- Wrought steel nickel plated gong. panned base, 33/g inches in diameter. Per dozen



No. 72 .- Wrought steel extra heavily nickel plated 



No. 74.—Cast bell metal gong, wrought brass base.

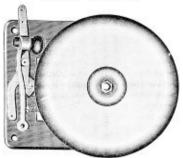


-Cast bell metal gong handsomely nickel-



#### **BELLS**

#### TRIP GONGS



Trip gong bells. for hard usage. Will	Polished bell not crack.	metal.	Recomme	nded
Nos		8	10	12

Diam., inches. 6 8 10
Each . \$ 2.00 3.83 7.00
One in a package.

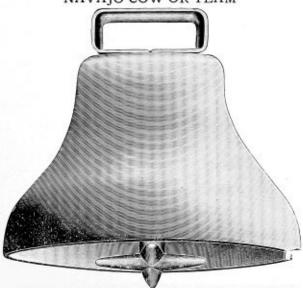
#### SWISS COW



Swiss cow or team bells. Made from the best swiss bell metal.

ACAR SHIP COURT				
Nos	S3	S4	S05	S5
Diam., inches	35%	4	43/8	5
Per dozen \$	7.20	8.40	12.00	14.40

#### NAVAJO COW OR TEAM



Navajo cow or team bells. Wrought steel with broad loop. Warranted not to crack. Cross tongue—suspended from portion of loop that extends through bell. Copper plated.

#### ALARM DOOR BELLS



Alarm door bells. Nichols patent. For use on store or warehouse doors. Diameter of gong 4 inches. Complete with fixings.

#### SHEEP



#### KENTUCKY COW



Kentucky cow bells.

Nos	0	1	2	3
Height, inches	7	61/2	57/6	51/4
Width, inches	33/4	31/4	31/8	23/4
Length, inches	51/2	5	47/9	4
Per dozen \$	12.00	10.00	8.00	6.00
Nos	4	5	6	7
Height, inches	41/2	31/4	3	21/2
Width, inches	21/2	23/4	21/4	2
Length, inches	31/2	27/8	25/8	23/8
Per dozen \$	5.00	4.00	3.00	2.50



10.00

#### BELLS

FARM





Nos. 1, 2, & 3

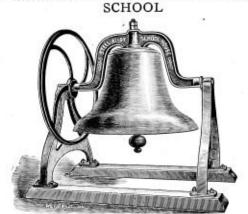
Crystal metal farm bells. Bells covered with a rich gold bronze and the hangings with an indestructible varnish.

Nos. 1, 2 and 3 are furnished with yoke for post hanging; No. 4 with two uprights for platform or belfry.

Nos		 								 		٠,			ė.	1
Diameter, inches										 ٠.						15
Weight complete,	Ibs														i de	40
Each				 	 			 							5	4.00

17 5.00 7.50

CHURCH





Nos. 20 to 28. Nos. 30 to 54. Made of an alloy of cast steel and crystal metal.

Nos. Diameter, inches.... Wt. of bell, lbs... Wt. complete, lbs.... \$ 16.00 20.00 25.00 40.00 50.00 65.00 75.00 90.00 110.00 125.00 165.00 250.00 Weight and prices named are for complete bells and include wood sills and wheel for rope.

furnished with tolling hammer. All sizes except Nos. 20 and 22 have springs.



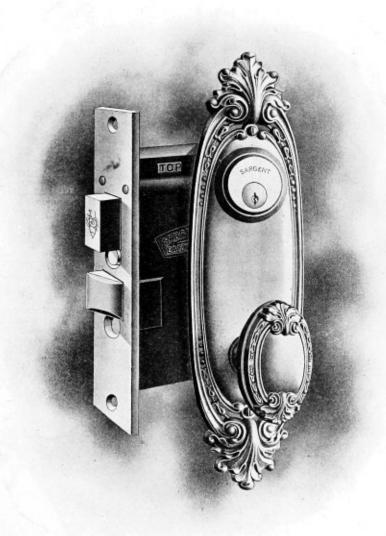




Nos. 530 to 554. Nos. 130 to 154. Steel alloy alarm bells. Double clapper. Complete except ropes. Diameter, inches Diameter, inches Weight of bell, Ibs..... Weight complete, Ibs..... \$ 70.00 380.00 80.00 205.00 155.00 260.00 95.00 115.00 130.00 170.00 Steel alloy alarm bells. With bolt and washers to secure to timber, double clapper and No rope. two sheaves. Nos. Diameter, inches Weight of bell, lbs..... School, church and alarm bells not carried in stock; shipped from factory direct. 150.00 275.00 200.00

# LOCKS

# BUILDERS AND SHELF



# HARDWARE

LOGAN = GREGG HARDWARE CO.
PITTSBURG



#### PADLOCK ASSORTMENTS



FRONT VIEW



REAR VIEW

Eagle padlock sample and stock cabinet. Made of hard wood, neat, convenient and nicely finished. The cabinet measures 19 inches high, 16 inches wide and  $11\frac{1}{2}$  inches deep. On the front are mounted the 20 styles (each one properly tagged) contained in the assortment. The assortment consists of all told  $7\frac{1}{2}$  dozen padlocks assorted as follows:

7-12 dozen each 4078, 4346\\( 4, 4346, 4078\\( 4, 4238, 4349\\( 4, 4346, 4078\)

4-12 dozen each 4237, 41801/4, 4180, 42371/4, 43051/4, 4303, 43031/4, 4305, 627, 659.

1-6 dozen each 04112, 04381, 04108, 6281.
All above padlocks will be found illustrated and described in detail on the following pages. 



No. 128.-Assortment. Consisting of 2 each double bit flat steel key and double bit tubular key padlocks in brass plated, Ivory black and bright steel finishes. 6 different locks 2 of each-every one a seller. Mounted on padlock easel back display card ...... Per card \$ 4.00



No. 200P .- Assortment. Consisting of 2 brass, 4 brass plated, 1 antique copper and 5 Ivory black case padlocks. Assorted flat and double bit keys. Mounted on padlock easel back display card. Per card ...... \$ 4.00



#### PADLOCK ASSORTMENTS





No. 85P.— Assortment. Consisting of 6 brass plated and 6 Ivory black case padlocks, assorted sizes and styles. All popular patterns and good sellers. Mounted on easel back display card ..... Per card \$ 1.70



No. 107.—Assortment. Consisting of 6 each brass plated and Ivory black case padlocks.
4 patterns of assorted sizes and styles—
3 of each. Mounted on padlock easel back display card . . . . . . . Per card \$ 3.00

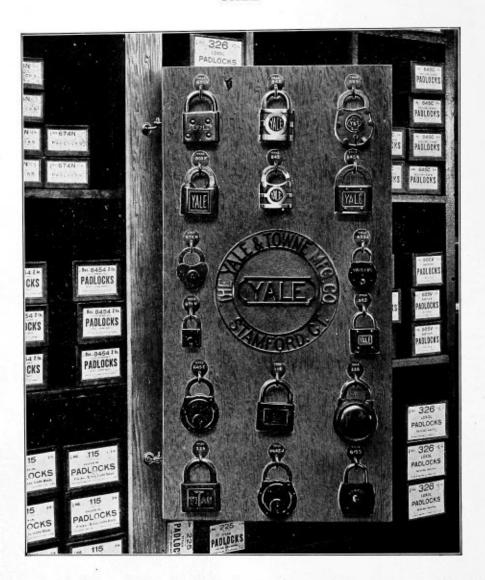


No. 214.—Assortment. Consisting of 12 brass plated and Japanned padlocks—9 different locks all late patterns and popular sellers. Mounted on padlock easel back display card . . . . . . . . . . . Per card \$ 2.40



#### PADLOCK ASSORTMENTS

#### YALE



No. 10A. Assortment. Yale padlocks. Sample board measuring 24x12 inches. Mahogany finish and of very substantial appearance. Supplied with heavy brass hooks, number plates and fittings. In addition in the center is a large Yale medallion—a very fine casting beautifully oxidized and relieved. The board (as the illustration shows) is intended to be attached to an upright of the shelving by means of the square hooks and screw eyes which are furnished. A price card is packed with each assortment giving the usual retail selling prices. The assortment consists of 6 dozen padlocks—selected from the most popular sellers. 16 different styles are included as follows:

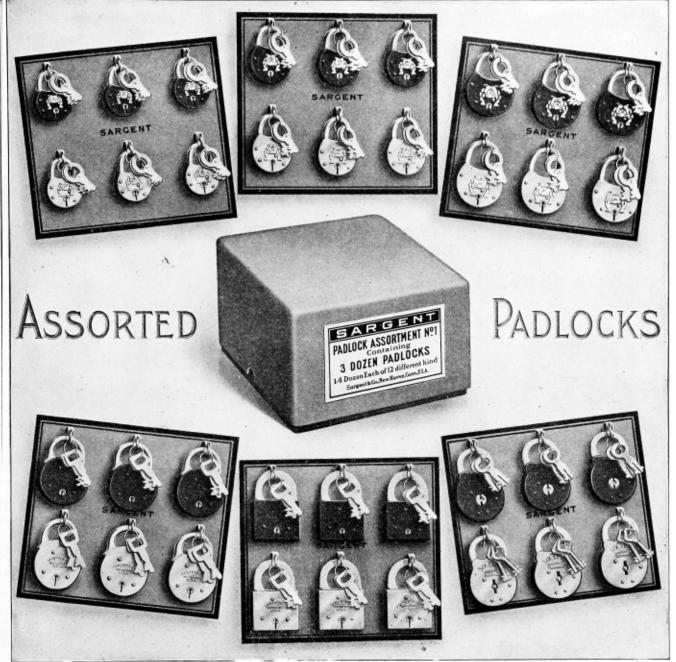
V6 (	dozen	840	1/4 d	ozen	585	1/2	dozei	225	1/3	dozen	115
	44		1/4	**	605 V	1/2		615S	1/2	6.6	671 V
Va.	11	8454	1/2	**	326	1/2	44	453J	1/2	**	674N
1/4	**	805F	1/4	**	563	1/2		645C	1/2	**	9645J

Many of these Locks will be found illustrated and more fully described on the following pages.

One assortment in a case.



#### PADLOCK ASSORTMENTS



No. 1A Assortment. Sargent padlocks. The assortment includes 12 kinds of locks-3 of each and is especially desirable for the retail trade. 6 locks with their keys are securely fastened to each card and the box contains 6 cards. Padlock No. 687 has 2 double bitted round barrel keys, all other locks in the assortment being furnished with 2 flat steel keys. The goods are mounted on attractive cards, one or all of which may be displayed or kept in the container as desired. Following is a list of the contents.

Left Hand Card, 1½ Inch Padlocks No. 26, Ivory Black Case, Nickel Plated Shackle.

Plated Case and No. 27. Brass Shackle.

Right Hand Card, 2 Inch Padlocks, 6 Lever

No. 6861/2. Ivory Black Case, Bright Shackle.

Brass Plated Case and No. 687. Shackle.

UPPER ROW Center Card, 134 inch Padlocks No. 36, Ivory Black Case, Nickel

Plated Shackle. No. 37. Brass Plated Case

Shackle.

LOWER ROW Center Card, 134 inch Padlocks

No. 481 Ivory Black Case, Bright Shackle.

No. 482. Brass Plated Case and Shackle.

Right Hand Card, 2 Inch Padlocks No. 46. Ivory Black Case, Nickel

Plated Shackle. No. 47. Brass Plated Case and Shackle.

Left Hand Card, 2 Inch Padlocks

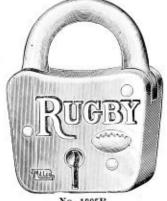
No. 496. Ivory Black Case, Bright Shackle.

No. 497. Brass Plated Case and Shackle. 

One assortment in a box.



			-	
		4346 and	d 4346	1/4
		-Ivory 1		
No.	43461/4	-Brass-p	plated	case.
No.	1805B	-Brass-p	plated	case.
No.	56	-Ivery 1	black	case.
No.	57	-Brass-J	plated	case.



No. 1805B



Nos. 56 and 57

2020 2020/4				77.7					
-Ivory black case.	Nickel-plated	shackle.	2	flat	keys	 Per	dozen	\$ 1.50	
-Brass-plated case		shackle.	2	flat	keys	 		1.50	
-Brass-plated case.	Brass-plated	shackle.	2	flat	keys	 **		1.50	
-Ivory black case.	Nickel-plated							1.50	
Brass-plated case	Brass-plated	shackle.	2	flat	keys	 		1-50	



No. 16B



No. 302



No. 16B.—Brass-plated case	. Brass-plated s	hackle. 2	flat keys	 Per	dozen	\$ 1.60
No., 302 Cast-plated case	. Plated spring si	shackle. 2	flat keys	 **	**	1.50
No. 18B Brass-plated case	. Brass-plated s	hackle. 2	flat keys	 **	11	1.70



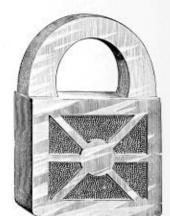
No. 100

No.	100.	-Ivery	black	case.
No.	4078.	-Ivory	black	case.
No.	40781/4	-Brass	-plated	case.
No.	303.	-Cast 1	orass	case.



No. 4078 and 40781/4

	20.0		2010/4
Nickel-plated	shackle.	2 flat	keys
Nickel-plated	shackle.	2 flat	keys
Brass-plated	shackle.		keys
Brass spring	shackle.		keys



No. 303

			Per	dozen	\$ 
				**	1.60
			**	**	1.60
			66	44	2.00

Illustrations show actual sizes. One dozen in a box.

"STERUNG BRAND FOR QUALITY STANDS"









No.	26	

No.	26. —Ivory	black	case.	Nickel-plated	shackle.
No.	1056 Galva	nized	steel ca	se and shackle	e.
No.	4351.—Ivory	black	case.	Brass-plated	shackle.

No. 1056

2	flat	keys			993			 			 3		Per	dozen	\$ 1.70
2	flat	keys		-0-1-0-		 	 	 	٠.		 	 	6.0	44	1.70
2	tub	ular	keys			 	 					 	**		2.40







No. 497

No.	497.	-Brass-plated	case.
No.	48.	-Brass-plated	case.
No.	40981/4	.—Brass-plated	case.

Brass-plated shackle. Brass-plated shackle. Brass-plated shackle.

2 flat keys 2 flat keys 2 flat keys

Per dozen \$ 2.40 2.40







No. 500B

No.	500B Bras	s-plated	case.
No.	4236Ivor	y black	case.
No.	1571/2Bras	s-plated	case.

No. 4236

Brass-plated shackle. 2 tubular keys Brass-plated shackle. 2 tubular keys Brass-plated shackle. 2 tubular keys

Per dozen \$ 2.40 " 2.40

Illustrations show actual sizes. One dozen in a box.

"STERUNG BRAND FOR QUALITY STANDS"









		No. 590	5		
No.	5905.	-Ivory	black	case.	Ni
No.	36.	-Ivory	black	case.	Ni
No.	4237.	-Ivory	black	case.	Bi
No	40971/	Dwago	ploted	0000	TP

	N
Nickel-plated	shackle.
Nickel-plated	shackle.
Brass-plated	shackle.
Brass-plated	shackle.

36						and 4		
e tu	bular	keys	 	 	 	 Per	dozen	\$ 2.4
e fla	at key	s	 	 	 	 	**	2.4
2 tu	ibular	keys			 	 	46	2.4
e tu	ibular	keys	 	 	 	 	**	2.4



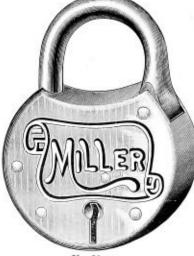


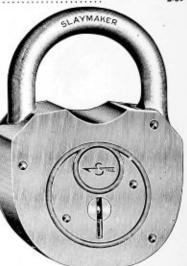


		No. DA49	616					
No.	DA4961	2Antiq	ue cop	per	finish	case	and	shackle.
No.	46.	-Ivory	black	case	. Nic	kel-p	lated	shackle.
No.	4180.	-Ivory	black	case	. Bra	ss-pla	ated	shackle.
No.	41801/4-	-Brass	-plated	l case	e. Bra	ss-pl	ated	shackle.

No. 46												1	N	O:	5.	4	1	30	anc	1 41801/4	10	200
2 tubul	lar	key	s	 	 						 								Per	dozen	Ş	2.50
2 flat 1	key	8 .		 	 		٠															3.00
g flat 1	key	s.		 	 			٠.				٠						٠.				2.8
2 flat	key	8 .		 	 													. ,				2.8
_												_	-	•	ø	į,		٠,	-			







No. 41811/4 No. 41811/4.—Brass-plated case. No. 21. —Ivory black case. No. 6160. —Olive green case.

	No. 21		No. 6160	
Nickel-plated	shackle. 21	flat keys	e dozen in a box.	3.00
Nickel-plated	shackle. 21	flat keys		3.00

STERUNG BRAND FOR QUALITY STANDS"







 Ivory black case. Nickel-plated shackle.
 Galvanized steel case and shackle. No. 2105. No. 1046.

No. 43491/4.—Brass-plated case. Brass-plated shackle. 2 flat keys

No. 1046 2 flat keys

2 flat keys .

...... Per dozen \$ 3.00







No. 105

 Ivory black case.
 Ivory black case. No. 105. No. 4303. No. 43031/4.—Brass-plated case. 505B. --Brass-plated case.

Nos. 4303 and 43031/4

Nickel-plated shackle. 2 flat keys Brass-plated shackle. 2 flat keys Brass-plated shackle. 2 flat keys Brass-plated

shackle. 2 tubular keys ......

No. 505B

... Per dozen \$ 3.30 3.30 3.30





677.—Brass-plated case. Brass-plated -Ivory black case. Brass-plated 4413 .-Cast bronze shackle. No. 04387.—Cast bronze case.



shackle. 2 double bit keys ...

No. 4413

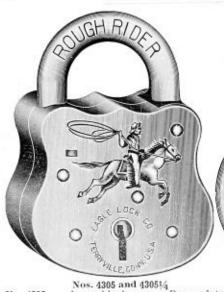


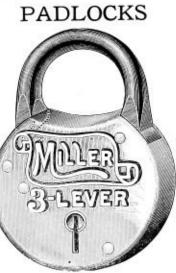
No. 04387

3 60 shackle. 2 flat keys ..... 3.60 2 flat keys 4.00

Illustrations show actual sizes. Nos. 1046, 43491/4, 677 and 4413, one dozen; others one-half dozen in a box.









		Nos. 4	1305 and	1 43051/	
No.	4305.	-Ivory	black		Brass-plated
No.	43051/	Brass	-plated	case.	Brass-plated
No.	96-	-Ivory	black	case.	Brass-plated
No.	4238-	-Ivory	black	case.	Brass-plated

	No. 96							
shackle.	2 fla	t keys		 	 	 2.3	*	
shackle.	2 fla	t keys		 	 	 		
shackle.	2 fla	t keys		 	 	 		
shackle.	2 tu	bular 1	keys	 	 			







	No. 75		04239		No. 80		
No. 75. —	Cast iron nickel-plated. 6 l	ever style.	2 flat	keys		er dozen \$	3.50
	Cast brass case. Round N.		2 flat	keys	***************************************		4.00
No. 80. —	-Cast iron antique copper.	6 lever style.	2 flat	keys		44	4.00







	Nos. 964	5GJ and 9645MJ			No. 457	1	No. 5121	
No.	9645GJ	-Green enamel	case.	Brass-plated	shackle.	2 tubular keys	Per	dozen \$ 4.00
No.	9645MJ.	-Maroon enamel	case.	Brass-plated	shackle.	2 tubular keys		4.00
No.	457-	-Brass-plated	case.	Brass-plated	shackle.	2 flat keys		4.00
No.	5121.						thers one-half dozen in a box.	4.00
		Titusciacions show	actua	I Siecs. Nos. 4	238 and 042	39, one dozen, o	there one man donen in a box.	







	Nos. 6	28 and 627	No. 1
No.			Bright shackle.
		brass-plated case	
			Brass-plated shackle
No.	659 Sterling,	ivory black case.	Bright shackle.
No.	658 Sterling,	brass-plated case	and shackle.
No.	660.—Sterling,	antique copper fi	nish.

									N	o	s.	6	59	9,	1	55	8	aı	nd (	660	
3	double	bit	tubu	ılar	ke	y	5,	 ٠										P	er	dozen	\$4.00
2	double	bit	tubu	ılar	ke	y	3.	 _											84		4.00
S	flat key	8															٠		**		3.50
2	double	bit	flat	keys	١.												2.		44		4.00
	double																				4.00
	double																		**		4.50



No. 4309. No. 76.

No. 4309 -Ivory black case. -Ivory black case. Brass-plated Nickel-plated Ivory black 210.-Brass case.



NO. 76	NO. 210		
shackle. 2 flat ke	eys	Per dozen \$	4.00
shackle, 2 flat ke	eys		4.00
	eys		4.00







4.50 5.50

4.50

No. 04227	No. 04227C		No. 04322
No. 04227 Cast brass case and shackle.	2 corrugated keys each	and 1 master key w	ith each dozen. R. F. D.
Per dozen		.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
No. 04227C Same as 04227, but with chain	. R. F. D		Per dozen

No. 04322. -







Nos.	989	983	and	994
14.00	304	203	STATE OF	201

			110. 4001
No. 40951/4.—Brass-plated case. No. 382. —11/2-inch. Japanne No. 983. —13/4-inch. Japanne No. 984. —22/6-inch. Japanne No. 4037. —Antique copper fin	d case. Bright shackle.  d case. Bright shackle.	2 flat keys	4.50





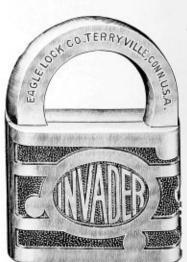


No. 04385

No. 04413 -Cast bronze case and shackle. 2 flat keys.....--Blued case and shackle. Bronze trimmed. 2 ccrrugated keys. -Polished brass case. Round shackle. 2 flat keys... No. 04385.-No. 200.-No. 04413.-Per dozen \$ 6.00 7.00 8.00







No. 1904.—Cast brass case. Round shackle.	No. 41090 2 corrugated keys	No. 04381 Per	dozen	\$ 5.00
110. 11000. Platoon case, polished brass frime	ned N P shackle 9 corrugated by	ove (	16	7.00
110. 04301. Cast brass case and snackle. 2 con	rrugated keys		16	8.00
Illustrations she	ow actual sizes. One-half dozen in a	box.		









No. 7591/2

Per dozen No. 04408. —Heavy cast brass case. Spring shackle. Polished edges. Brass works. 2 flat steel keys each...... \$ 8.00 No. 7591/2.—Cast brass case. Spring shackle. Polished edges. Brass works. 2 nickel-plated tubular keys each. No. 6280. —Sterling. All brass case, polished and buffed. Brass spring shackle. 2 double bit tubular keys each No. 6281. -Sterling. All brass case, polished and buffed. Black nickeled iron shackle. 2 double bit brassplated keys each.....

One-half dozen in a box. Illustrations show actual sizes.







No. 04112

No. 300

No. 4059

- No. 04112.—Brass case, satin finish. Nickel-plated iron shackle. 6 secure levers, self-locking. All different in a Automatic spring shackle that opens to a quarter-turn position when unlocked. 2 corru-
- 300 .- Cast bronze case, satin finish. Cast bronze spring shackle. Brass works. 2 bronze tubular keys each. A substantial, well made and durable lock......Per dozen 8.00
- 4059.—Corrugated iron case, antique silver finish. Brass shackle. 4 secure levers. Self-locking. All differ-8.00

Illustrations show actual sizes. One-half dozen in a box.

"STERUNG BRAND FOR QUALITY STANDS"









Nos. 600 and 600A

No. 900

No. 400

No. 600. —Sterling. Cast bronze case and shackle. Self-locking. Dark background, polished edges and raised surfaces. Brass works. All different in a dozen. 2 flat steel keys each. Per dozen \$ 9.00 No. 600A.—Sterling. Cast bronze case and shackle. Self-locking. Dark background, polished edges and raised surfaces. Brass works. Made all alike. 2 flat steel keys each. Per dozen No. 900. —Sterling. Cast bronze case, polished and buffed. 4 secure levers. All different in a dozen. Self-locking. 2 flat steel keys each. Per dozen No. 400. —Crescent. Gun metal finished case and shackle. Solid bronze top, bottom and inside work. Malleable spring shackle, self-locking. All different in a doz. 2 nickel-plated corrugated keys each. Per doz. Illustrations show actual sizes. One-half dozen in a box.





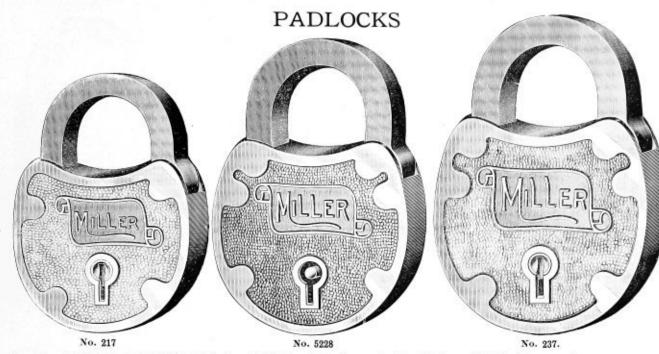


	No. 04108	Nos. 04204, 04204x72 and 04204C	x72 No. 585MK	
No. 0	4108.—All brass case, satin finished.	Buffed self-locking spring shac	de. 6 secure levers. All different	t in
No. 0	4204.—Cast bronze, polished edge an	nd front. Buffed spring shackle,	self-locking. 3 secure levers. Bro sys each	nze
No. (	4204x72.—Cast bronze, polished edge key-way. All different in a	s and front. Buffed spring shack! dozen. 6 nickel-plated flat steel	e, self-locking. 3 secure levers. Bro keys each. Each lock in a cart	nze ton.
No. 0	4204CX72.—Cast bronze, polished edge	es and front. Buffed spring sha	ckle, self-locking. 3 secure levels to steel keys each. With 9 inches	ers.
No. 5	heavy chain. Each lock in a 85MK.—Cast bronze. Fine wheel fir	carton	Per do	zen 18.00
	one set of 4000 locks or less	all different with a master key i laster key at extra cost	o pass all locks. 2 nickel-plated Per do	flat

Illustrations show actual sizes. One-half dozen in a box.

8.00



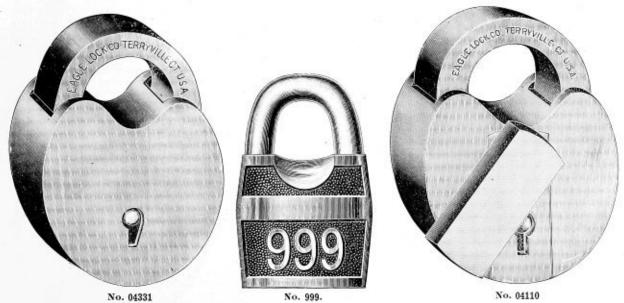


No. 217.—Cast brass case, highly polished relief finish. Cast brass shackle, highly polished. Brass works.

Attractive in design and constructed for severe service. All different in a dozen. 2 nickel plated flat steel keys each

Per dozen \$ 8.00

Illustrations show actual sizes. One-half dozen in a box.



Illustrations show actual sizes. One-half dozen in a box.



**PADLOCKS** 



No. 563

No. 803F.—Bower-Barff case. Bronze shackle. 3 pin tumblers. 144 key changes. 2 flat keys....... No. 8434.—Bower-Barff steel case and shackle. 3 lever tumblers. 48 key changes. 2 corrugated keys... Per dozen \$ 12.00 12.00 No. 563. —Bower-Barff steel case. Nickel plated shackle. 3 tumblers. 48 changes. 2 flat steel keys.



No. 805F



No. 8454

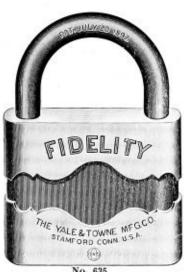


No. 565

No. 805F.—Bower-Barff iron case. Bronze shackle. 4 pin tumblers. 144 key changes. 2 flat keys.......P No. 8454.—Bower-Barff steel case and shackle. 4 lever tumblers. 144 key changes. 2 corrugated keys... No. 565.—Bower-Barff steel case. Nickel plated shackle. 3 tumblers. 48 changes. 2 flat steel keys. ....Per dozen \$ 12.00 14.00 10.00



Nos. 745S and 745V



No. 635



No. 7458.—Bower-Barff steel case. N. P. steel shackle. 4 pin tumblers. 144 changes. 2 corrugated keys. Per doz. \$ 15.00 No. 745V.—Bright brass case. N. P. steel shackle. 4 pin tumblers. 144 key changes. 2 corrugated keys. 17.00

No. 635. —Black enameled steel case with buffed brass caps. Blued steel shackle. 5 lever tumblers. 12 key changes. 2 flat keys ......Per dozen

No. 326. —Cast iron case. Copper plated steel discs and shackle. 6 key changes. 2 flat keys each....
Illustrations show actual sizes. One-half dozen in a box.

8.00

9.00

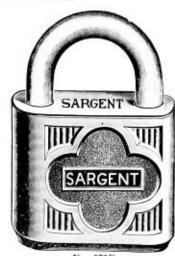




No. 04281.



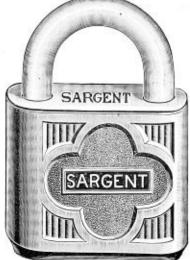
No. 830.



No. 978P.

No. 04281.—Polished brass case and shackle.	Extruded metal. Pin tumbler. 2 G. S. keys	er dozen !	\$ 22.00
No. 830. —Cast bronze case. Steel shackle	. Pin tumbler. 2 bronze kevs	**	20.00
No. 978P. —Cast bronze case. Steel shackle	Pin tumbler. 2 G. S. keys	cc	27.00





CHEST STORY OF THE PARTY OF THE

No. 04283	No. 850.	No. 889P
No. 04283 Polished brass case and shackl		
No. 850Cast bronze case. Steel shack		
No. 889P. —Cast bronze case. Bronze shack		
		oove can be master keyed in sets of any
required number. Prices on application.	One-twelfth dozen in a carton. 🗽	and the second





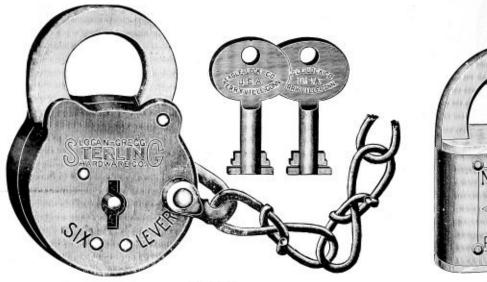
No. 833
No. 833.—Bronze buffed case and shackle.
No. 843.—Bronze buffed case and shackle.
No. 843.—Bronze buffed case and shackle.
No. 853.—Bronze buffed case and shackle.

No. 853 ....Per dozen \$

18.00 20.00

"STERUNG BRAND FOR QUALITY STANDS"

Illustrations show actual sizes. . One-half dozen in a box.

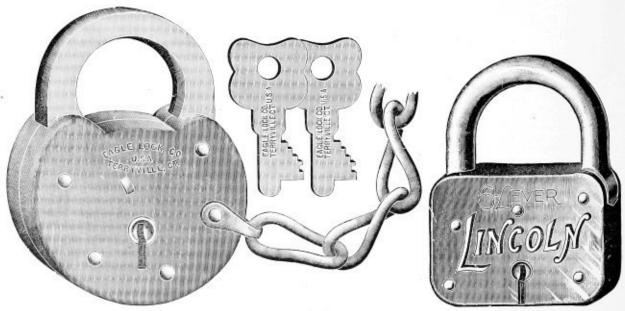




No. 627C

No. 4C

Illustrations show actual sizes. One-half dozen in a box.



No. 4109C

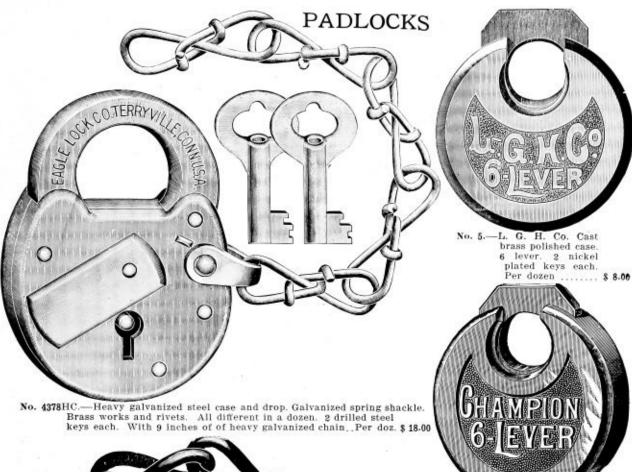
No. 60

No. 4109C.—Ivory black case. Brass plated shackle. Self-locking. Spring shackle. Tumbler and wards. All different in a dozen. 2 nickel plated flat steel keys each. With heavy iron chain 9 inches long. Per dozen \$ 8.00

Illustrations show actual sizes. One-half dozen in a box.

STERUNG BRAND FOR QUALITY STANDS"







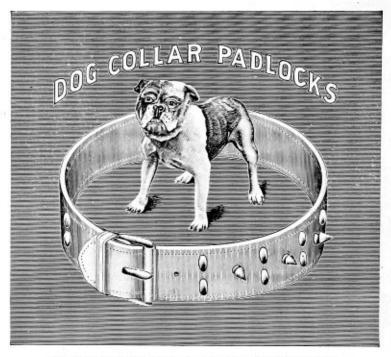
No. 1.—Champion. 6 lever. Cast gun metal. Key changes unlimited. 2 nickel plated flat steel keys each....Per doz. \$ 10.50



Illustrations show actual sizes. All locks one-half dozen in a box.



#### DOG COLLAR LOCKS



Illustrates Card on which Dog Collar Locks are Mounted.





No. 042051/2.



No. 041051/2



Nos. 04241 and 042411/2



.Per dozen \$1.50

Nickel plated brass. Self-locking, spring shackle. Nickel plated key. One dozen on a % inch. No. 041051/2. No. 04241. dozen on card as illustrated ... .. Per dozen

 $\frac{1}{2}$  inch. Cast brass, buffed and lacquered. Self-locking, spring shackle. Bronze tubular key. No. 04242. dozen on card as illustrated .... .....Per dozen No. 120.

play card. The terminal ½ indicates nickel plated finish. 2.40 Illustrations show actual sizes. One dozen on attractive display card.



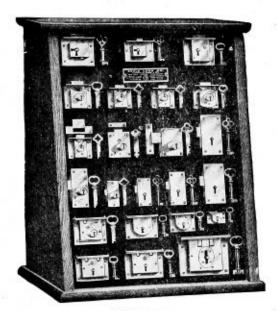




No. 04243		Nos. 04244 and 042441/2			No. 04383			3				
		Per dozer	1			Self-locking,			Bronze	tubular	key.	\$ 2.40
No.	04244.	—1 inch.	Cast brass,	buffed and	lacquered.	Self-locking,	spring	shackle.	Bronze	tubular	key.	
No.	042441/2	-1 men.	Cast brass,	buffed and	nickel plate	ed. Self-lockii	ng, sprin	g shackle.	Nickel	plated tu	bular	
No.	04383.	-11/4 inch.	Cast brass,	buffed and	lacquered.	Self-locking,	spring	shackle.	Bronze	tubular	key.	
			Illus	trations sh	ow actual	sizes. One de	ozen in	a box.				



# EAGLE CABINET LOCK STOCK CABINETS



FRONT VIEW



REAR VIEW

Eagle cabinet lock display and stock cabinet. Handsome dark oak finish case. Hinged back and recessed front. On this front are mounted 23 of the most desirable and best selling cabinet locks. Without ordering an excess quantity of any type of lock, the dealer is thus afforded a variety of styles and prices suitable to ordinary trade and which experience has taught are ready sellers. The cabinet measures 19 inches in height, is 16 inches wide and 11½ inches deep. The reserve stock is all stored in the cabinet and is accessible only from the rear. Keeps the stock clean, is convenient and handy. Shows at a glance what numbers are required for replenishing the stock.

The assortment contains a great variety of locks—drawer, locker, wardrobe, chest, etc. In steel, all brass and brass cylinder. Tumbler, flat key and double bitted key. By glancing over the retail price columns below, it will be observed that the majority of the locks are popular in price and while the assortment contains a variety of higher priced patterns, only a few of each number are included.

The cabinet is well made and handsomely finished and will add to the appearance of any store-room. Placed in a conspicuous location, it will prove to be a "Silent Salesman".

We give below a detailed list of the contents of the cabinet together with retail price of each. All locks included in this cabinet are regularly carried in stock by us and for fuller description or for re-ordering, refer to pages 372 to 385.

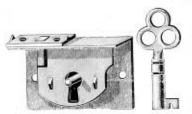
#### ASSORTMENT No. 22003

Qua	antity	Number	Style	Retail Price Each	Retail Value	Quantity	Number	Style	Retail Price Each	Retail Value
13	Locks	161	Drawer	\$0.15	\$1.95	3 "	1055	Wardrobe	-45	1.35
13	- 64	72	1 "	.10	1.30	13 "	18751/4		-10	1.30
3	**	237	11	-35	1.05	13 "	4151/4	**	.10	1.30
3	**	01816	1 20	-40	1.20	13 "	510	**	.15	1.95
3	**	1921		.25	.75	3 "	60711/2	Chest	.75	2.25
3	**	01921	44	-35	1.05	7 "	166	46	.25	1.75
3	4.6	01901		-50	1.50	7 "	64		-20	1.40
3	**	19211/2	**	-40	1.20	13 "	43	64	-10	1.30
3	**	01848	***	-35	1.05	3 "	427	**	-35	1.05
3	**	1986	Locker	.75	2.25	3 "	410	44	-40	1.20
3	44	158	Wardrobe		1.05	3 "	9		-60	1.80
3	**	6098	"	-60	1.80				-	7.7
		-	1		10000000	11 5-12 dz.				\$32.80

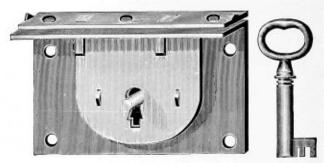
No. 22003.—Eagle Cabinet Lock stock cabinet. Contains 11 5-12 dozen cabinet locks assorted ...... Each \$32.80

Each cabinet is securely packed complete in a wood case ready for shipment.

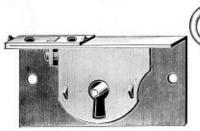
#### BACK SPRING



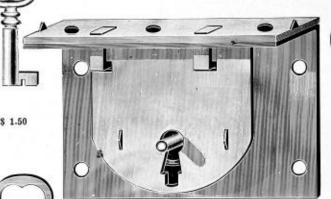
No. 42 .- (01). Brass plate. 11/4-in. To in. from selvedge to key-pin. Single link. Per dozen ..... \$ 1.50



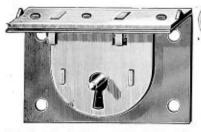
No. 166 .- (34). Iron. 21/2 in. 18 inch from selvedge to keypin. One ward, 4 changes in a dozen. Double link. Per dozen...... \$ 4.00



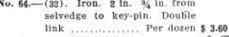
No. 34--(4). Iron. 2 inch. 16 in. from selvedge to key-pin. Single link ..... Per dozen \$ 1.50

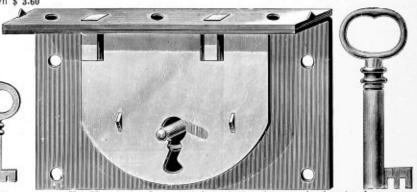


No. 160 .- (36). Iron. 3 in. 13 inch from selvedge to keypin. One ward, 3 changes in a dozen. Double link. Per dozen ...... \$ 4.50



No. 64 .- (32). Iron. 2 in. 3/4 in. from





No. 181.—(030). Brass plate. 11/2 in. 1/2 in. from selvedge to keypin. Double link. Per dozen \$ 4.00

No. 83 .- (38). Iron. 31/2 in. 11/4 in. from selvedge to keypin. One ward, 3 changes in a dozen. Double link. Per dozen ...... \$ 5.50

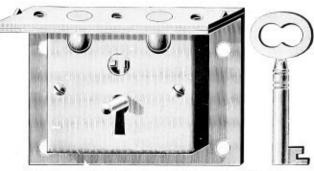
All packed with twelve keys to the dozen. One dozen in a box. Illustrations show actual sizes.



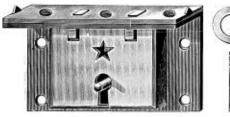
#### SECURE LEVER



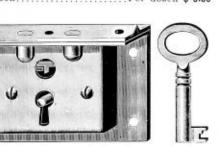
No. 471.—(100), Iron. 11/3 inch. Square selvedge.
11/3 inch from selvedge to key-pin. Screwed.
Solid box. 2 secure levers. Double link. Fine
flat bow key. All different in a dozen. Per doz. \$ 5.50



No. 427.—(104). Iron. 2½ in. Square selvedge. ¼ inch from selvedge to key-pin. Screwed. Solid box. 2 secure levers. Double link. Fine flat bow key. All different in a dozen. Per dozen \$ 6.50



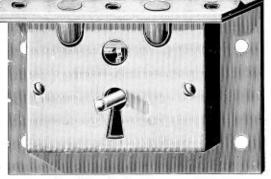
No. 585.—(063). All brass, 2-inch. Square selvedge, \(\frac{1}{2}\)-inch from selvedge to keypin. One secure lever. Double link. Solid box. Fine flat bow brass key. Four changes in a dozen. Per dozen \(\frac{5}{2}\)5-50



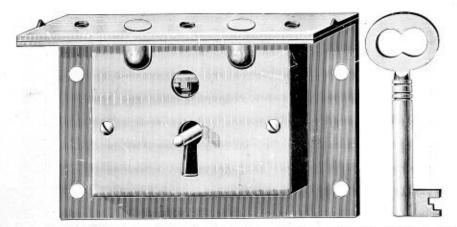
No. 467.—(102). Iron. 2 inch. Square selvedge.

†† inch from selvedge to key-pin. Screwed.

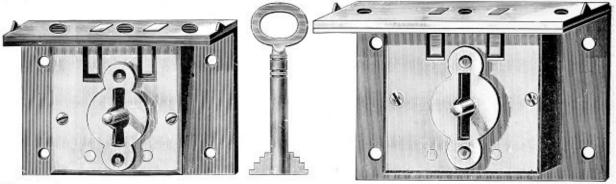
Solid box. 2 secure levers. Double link. Fine
flat bow key. All different in a dozen. Per doz. \$ 6.00



No. 410.—(106). Iron. 3 inch. Square selvedge. 1 inch from selvedge to key-pin. Screwed. Solid box. 2 secure levers. Double link. Fine flat bow key. All different in a dozen Per dozen. \$ 7.00

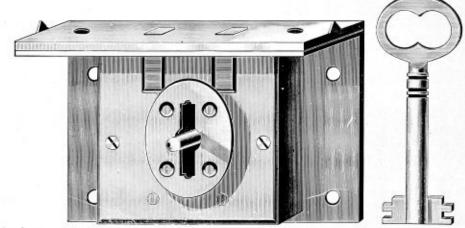


SELF LOCKING DOUBLE BITTED KEYS

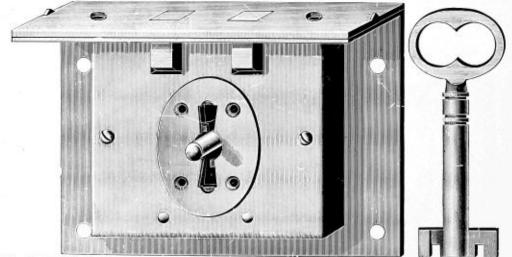


No. 583 .--(80). Iron. 21/2 inch. Square selvedge. % inch from selvedge to key-pin. Screwed. Solid box. Four hook tum-blers and 2 wards. Brass escutcheon. Self locking. Fine flat bow, double bit-Fine flat bow, double bitted key. All different in a dozen. Per dozen .....

No. 1977 .- (88). Iron. 3 in. Square selvedge. 1 in. from selvedge to key-pin. Screwed. Solid box. 4 hook tumblers and 2 wards. Brass escutcheon. Self locking. Fine flat bow, double bitted key. All different in a dozen. .... Per dozen \$ 9.00/



No. 1978.—(89). Iron. 31/2 inch. Square selvedge. 11/8 inch from selvedge to key-pin. Screwed. Solid box. 4 hook tumblers and 2 wards. Brass escutcheon. Self locking. Fine flat bow, double bitted key. All different in a dozen Per dozen \$ 10.00

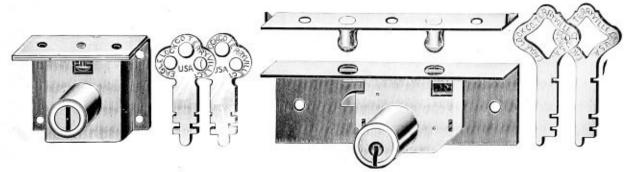


No. 9.—(85). Iron 4 inch. Square selvedge. 1% inch from selvedge to key-pin. Screwed. Solid box. 4 hook turblers and 2 wards. Brass escutcheon. Self locking. Fine flat bow, double bitted key. All differ-Per dozen \$ 11.00

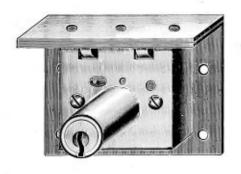


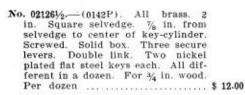
#### CYLINDER CHEST LOCKS

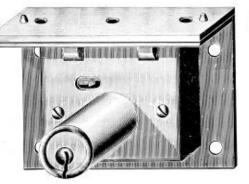
#### SECURE LEVER

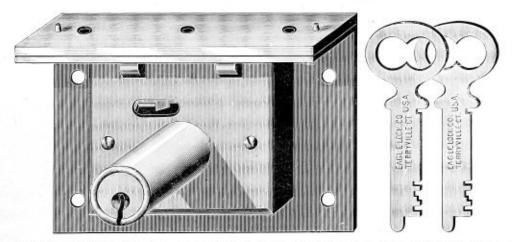


No. 01367½.—(029½). All brass. 2¾ in. ¼ in. from selvedge to center of key cylinder. Double link. One secure lever. 2 nickel plated flat steel keys. For % in. wood. Per doz. \$ 12.00

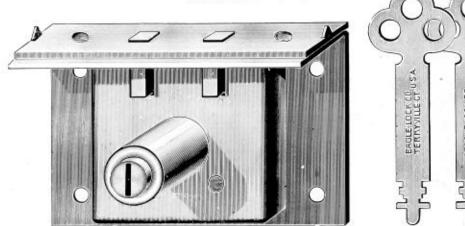




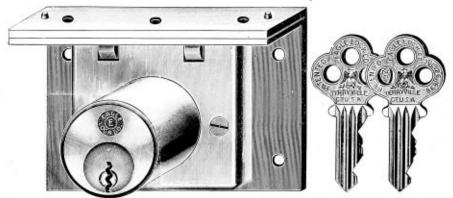




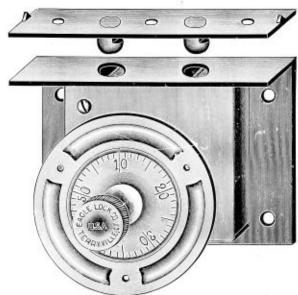
Illustrations show actual sizes. Nos. 60711/2 and 60691/2 one-half dozen; others one dozen in a box.



One-half dozen in a box.



One-twelfth dozen in a box.



No. 2003.—(0854). All brass. 3-inch. Square selvedge. Nickel-plated knob and dial. 1%-inch from selvedge to center of knob. Self-locking. Solid square box. Screwed. Capable of 1000 changes. Combination can be changed without removing lock from the chest. For 1-inch wood. Full directions for operating sent with each lock.

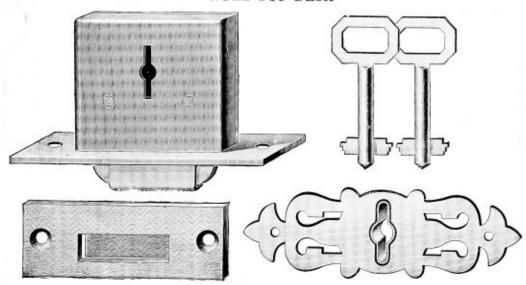
Per dozen \$ 36.00

One-twelfth dozen in a box.

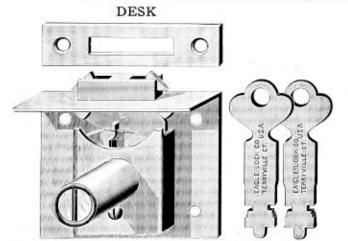


## CABINET LOCKS

ROLL TOP DESK

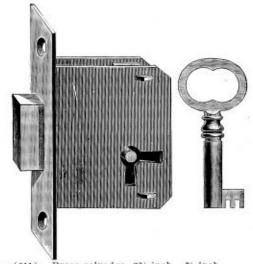


No. 1984C.—(47%C). Roll top desk. 3-inch. Brass selvedge and escutcheon. 1-inch from selvedge to center of key-hole. Self-locking, mortise square box, Four secure hook tumblers and one ward. Patent Self-locking, mortise square box. Four secure hook tumblers and one ward. Patent self-closing strike. Two nickel-plated solid steel keys each. All different in a dozen.....Per dozen \$ 12.00



No. 01896.—(046). Desk. All brass, 2-inch. Square selvedge. selvedge. %-inch from selvedge to center of key-hole. Screwed. Hook bolt. Two secure levers. Two nickel-plated flat steel keys each. All different in a dozen. Made for %-inch wood. Per dozen .....

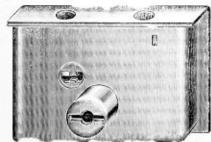
#### MORTISE CUPBOARD



No. 474.—(311). Brass selvedge. 2¾-inch. %-inch from selvedge to key-pin. Mortise....Per dozen \$ 2.40

WICKET

#### CASH BOX



. 619.—(819). Iron. 2-inch. 1-inch from selvedge to center of cylinder. Two secure lev-No. 619.ers. Double brass link. Two nickel-plated flat steel keys each. All different in a dozen. Per dozen .....

..... \$ 4.00

No. 02176.—Cast bronze. 13/8x11/4 inches. from selvedge to center of key-hole. Fine finish. Cast brass, brass latch bolt. Two secure levers. Two nickel-plated flat steel keys each. All dif-

Illustrations show actual sizes. One dozen in a box.



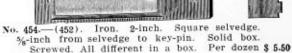
#### DRAWER LOCKS

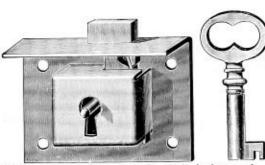
SECURE LEVER





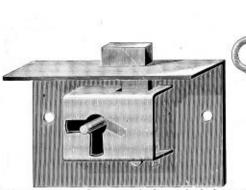


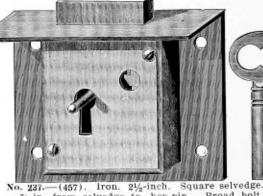




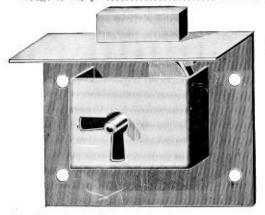


No. 660.—(454). Iron. 2¼-inch. Square selvedge. 5g-inch from selvedge to key-pin. Brass bolt. Solid box. All different in a dozen. Per dozen \$ 6.00

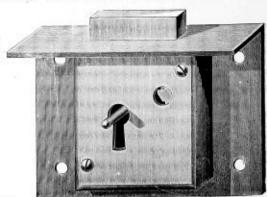




No. 237.—(457). Iron. 2½-inch. Square servedge.
½-in. from selvedge to key-pin. Broad bolt.
Solid box. Screwed. 2 secure levers. Fine flat
bow key. All different in a dozen. Per dozen \$ 6.00



No. 161.—(634). Iron. 2½-inch. ¾-inch from selvedge to key-pin. Broad bolt......Per dozen \$ 2.40



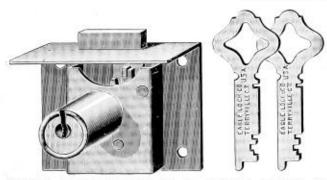
60. 198.—(463), iron. 2¾-inch. Square seivedge, 7/8-in. from selvedge to key-pin. Broad bolt. Solid square box. Screwed. 2 secure levers. Fine flat bow key. All different in a dozen. Per dozen \$ 6.56

fiat bow key. All different in a dozen. Per dozen \$ 6.50 All packed with twelve keys to the dozen. One dozen in a box. Illustrations show actual size.



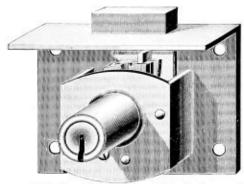
### CYLINDER DRAWER LOCKS

#### SECURE LEVER



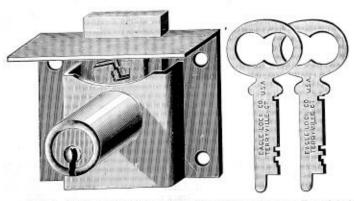
1¾-inch ¾-inch from selvedge to center of cylinder. Broad heavy bolt. Two secure levers. Two nickel-plated flat steel keys each. All different in a dozen. Made for ¾-inch wood.

No.	1921.—( 590).	Iron	Pe	r dozen	\$ 5.00
-	04004 (				
NO.	01921.—(0590).	AHI	brass	(3.27)	6.00



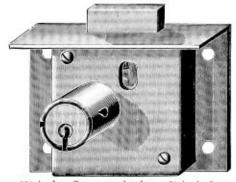
2¼-inch. Cast brass. %-inch from selvedge to center of cylinder. Broad heavy bolt. Screwed. Three secure levers. Two nickelplated flat steel keys each. All different in a dozen. Made for ½-inch wood.

No. 01902.—(0676). Cast brass. Per doz. \$ 10.00



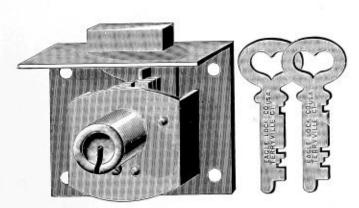
2-inch. %-inch from selvedge to center of cylinder. Broad bolt. Two secure levers. Two nickel-plated flat steel keys. All different in a dozen. Made for %-inch wood.

No. 1816.—( 592½).	Iron.	Brass	bolt	Per	dozen	\$ 7.00
No. 01816(05921/2).	All br	ass				8.00

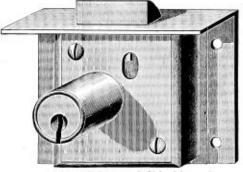


21/4-inch. Square selvedge. ½-inch from selvedge to center of cylinder. Cylinder cut for both cupboard and drawer. Solid square box. Screwed. Broad heavy bolt. Three secure levers. Two nickel-plated flat steel keys each. All different in a dozen. Made for ½-inch wood.

No. 6017.—( 600). Iron.....Per dozen \$ 10.00 No. 6001.—(0601). All brass " 11.00



2-inch. Cast brass. %-inch from selvedge to center of cylinder. Broad heavy bolt. Screwed. Three secure levers. Two nickel-plated flat steel keys each. All different in a dozen. Made for %-inch wood.



2¼-inch. All brass. Self-locking. Square selvedge. ½-inch from selvedge to center of cylinder. Brass strike. Heavy cast bronze latch bolt. Solid square box. Screwed. Three secure levers. Two nickel-plated flat steel keys each. All different in a dozen. Made for 1½-inch wood.

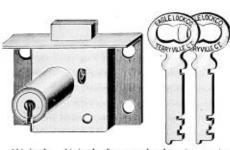
No. 60011/2.--(06011/2). All brass. Per dz. \$ 13.00

Illustrations show actual sizes. One dozen in a box.

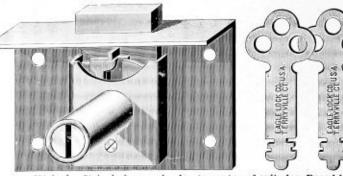


# CYLINDER DRAWER LOCKS

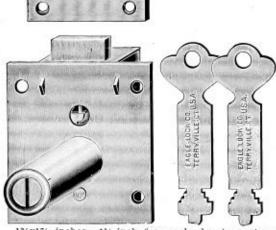
SECURE LEVER



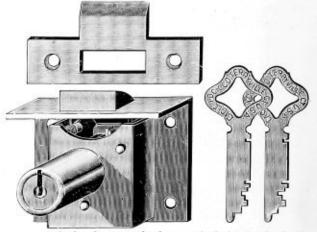
1½-inch. ½-inch from selvedge to center of cylinder. Two secure levers. Two nickelplated flat steel keys each. All different in a dozen. Made for 34-inch wood. No. 2157.—( 5901/6C). Iron. Per dozen \$ 5.00 No. 02157.—(05901/6C). All brass " 7.00



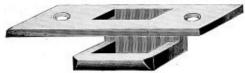
21/2-inch. 7/8-inch from selvedge to center of cylinder. Broad heavy bolt. Screwed. Two secure levers. Two nickel-plated flat steel keys each. All different in a dozen. Made for %-inch wood. 

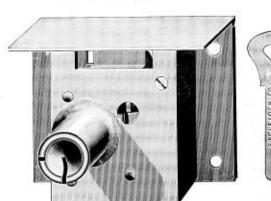


13/4x17/8 inches. 11/8-inch from selvedge to center of cylinder. Two secure levers. Two nickel-plated flat steel keys each. All different in a dozen. Made for %-inch wood.



Square selvedge. 3/4-inch from selvedge to center of cylinder. Cast brass latch bolt. Two secure levers. Two nickel-plated flat steel keys each. All different in a dozen. Brass strike. Self-locking. Made for %-inch wood.





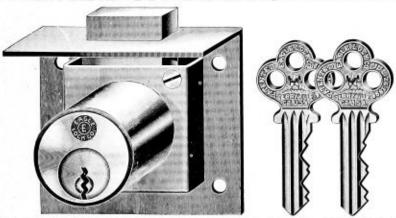
21/4-inch. Cast bronze. Self-locking. 1-inch from seivedge to center of cylinder. Heavy cast bronze plate and cast bolt. Screwed. Three secure levers. Two nickel-plated flat steel keys each. All different in a dozen. Made for %-inch wood. No. 01928.—(0681). Cast bronze

Illustrations show actual sizes. One dozen in a box.

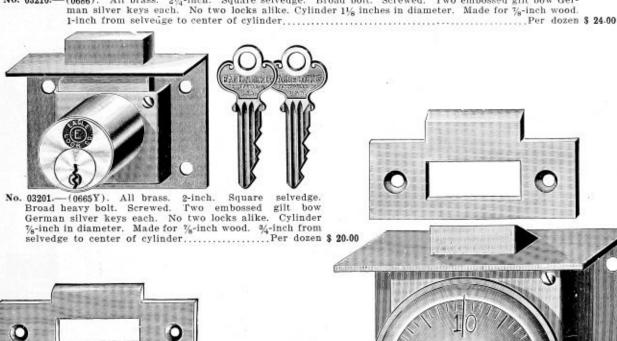
STERUNG BRAND FOR QUALITY STANDS"

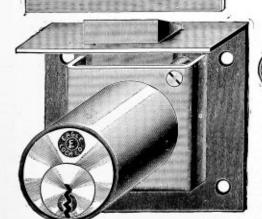


## PIN TUMBLER AND COMBINATION DRAWER LOCKS



No. 03210.—(0686). All brass. 21/4-inch. Square selvedge. Broad bolt. Screwed. Two embossed gilt bow German silver keys each. No two locks alike. Cylinder 11/8 inches in diameter. Made for 7/8-inch wood.







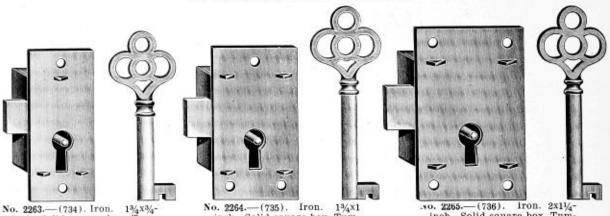


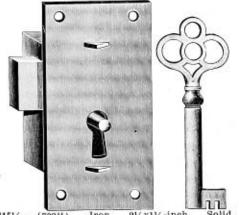
No. 2011.—All brass, 3-inch. Square selvedge. Broad heavy cast bronze latch bolt. Screwed. Solid box. Nickel-plated knob and dial. Brass strike. 11/4 inches from selvedge to center of knob. Capable of 1000 changes. Combination can be changed without removing lock from cupboard or drawer. Adjustable for wood from % to 11/2 inches thick. Full directions packed with each 

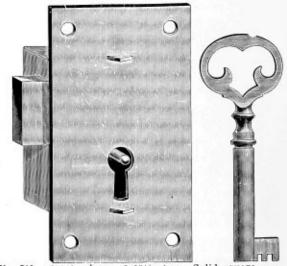
Illustrations show actual sizes. One-twelfth dozen in a box.

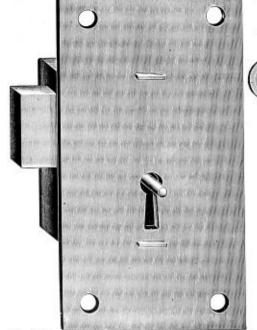






No. 2263.—(734). Iron. 1¾x¾inch. Solid square box. Tumbler ............Per dozen \$ .80  



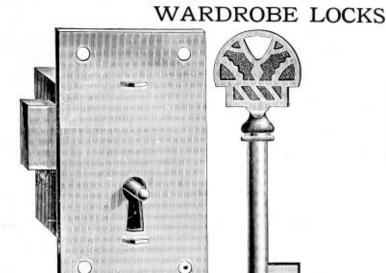


No. 5001/4.—(709B). Iron. 3½x2 inches. Solid square box. Tumbler and ward. Per dozen. \$ 2.40

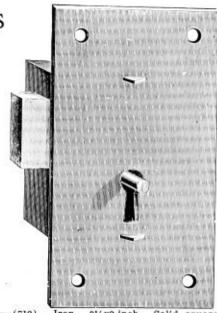
All above locks, the bolt shoots right and left. Illustrations show actual sizes. Twelve keys to the dozen.

One dozen in a box.

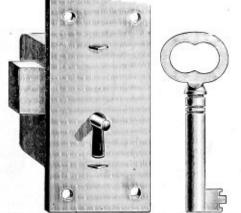




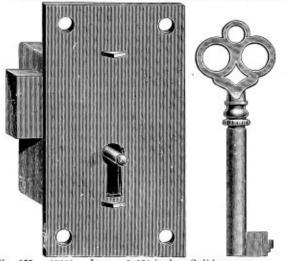
No. 5101/2.--(7041/4). Iron, coppered. 3x134-inch. Solid square box. Tumbler. Fine fancy bow 



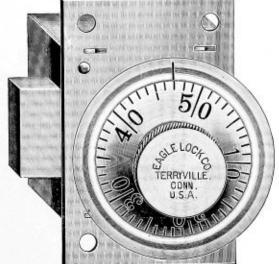
No. 174.-31/2x2-inch. -(712). Iron. Solid square box. Two secure levers. Fancy bow key. different in a dozen ..... 



No. 1801.—(719). Iron. 21/2x11/8-inch. Brass bolt. Solid square box. Two secure levers. Fine flat bow key. All different in a dozen...Per dozen \$ 6.50



158.—(723). Iron. 3x13/4-inch. Solid square box. Two secure levers. Fancy bow key. All No. 158 .different in a dozen..... .....Per dozen \$ 6.00

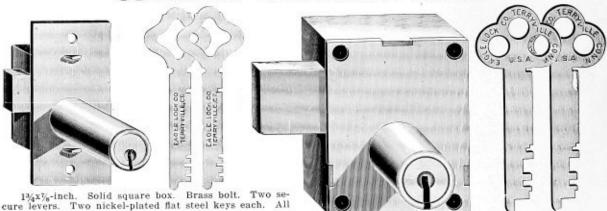


-3x2 inches. All brass. Nickel-plated knob

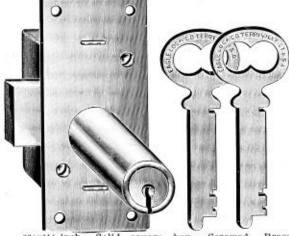
and dial. Capable of 1000 changes. Combination can be changed without removing lock from door. Adjustable to wood from ½ to 1½ inches thick Per dozen \$ 24.00

Illustrations show actual sizes. Nos. 2029 and 03151, one-twelfth dozen; others, one dozen in a box.

#### CYLINDER WARDROBE LOCKS

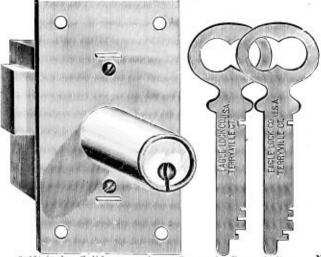


No. 1986.—(755). Iron. 2x1%-inch. Solid box. Five secure levers. Brass strike. Two nickel-plated flat steel keys each. Made regularly with 3120 changes. Made for %-inch wood. %-inch from selvedge to center of cylinder. Bolt throws %-inch right and left.....Per dozen \$ 15.00





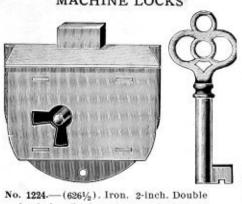
No. 03131.—All brass, 15/4x1/4-inch. Solid box. Screwed. Two embossed gilt bow German silver keys each. No two locks alike. Made for 7/6-in. wood. 5/6-in. from selvedge to center of cylinder. Cylinder 7/8 in. in diameter. Per doz. \$ 24.00



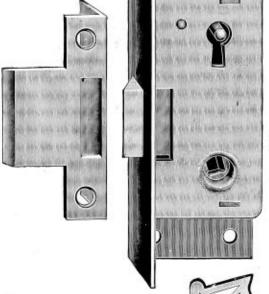
## CABINET LOCKS

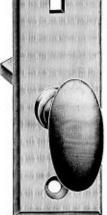
#### MACHINE LOCKS

#### CUPBOARD LOCKS



No. 1224.—(626½). Iron. 2-inch. Double keyhole. Back spring. 5%-inch from selvedge to key-pin........Per dozen \$ .80

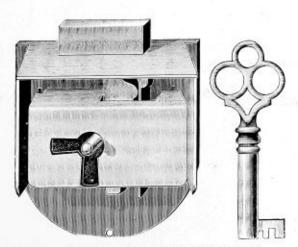




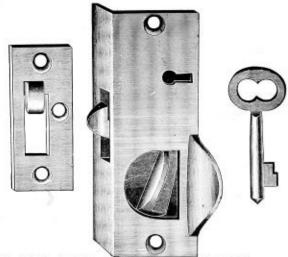
No. 1227.—(625½A). Iron. 2-1

o. 1227.—(625½A). Iron. 2-inch. Double keyhole. Back spring. ½-inch from selvedge to key-pin. Per dozen \$ 1.00

#### SHOW CASE LOCKS

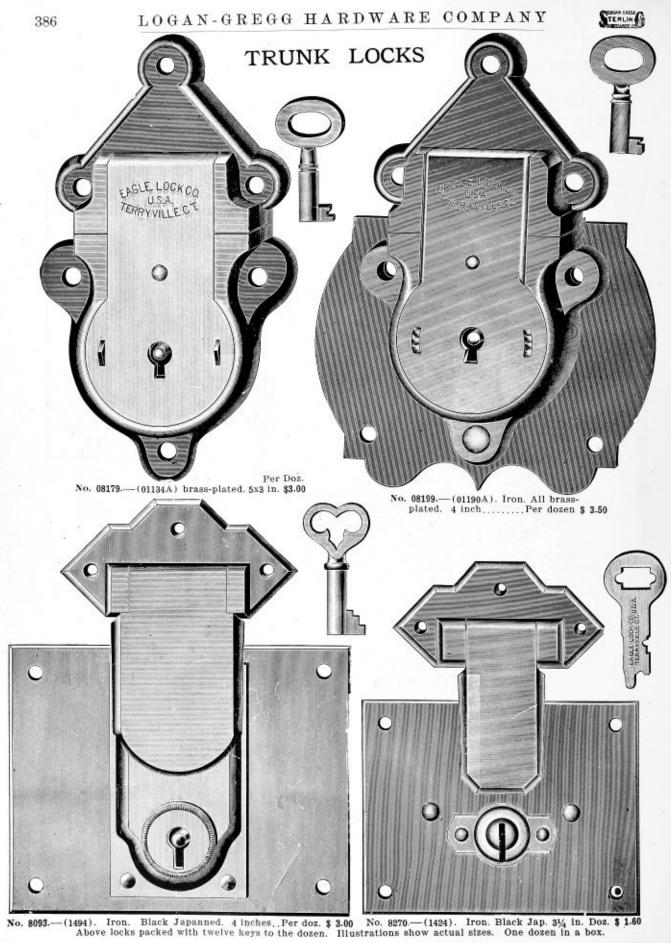


No. 1225.—(6241/2B). Iron. 21/4-inch. Broad bolt.
Double keyhole. Back spring. 1-inch
from selvedge to key-pin.....Per dozen \$1.50
Machine locks packed with twelve keys to the dozen.
One dozen in a box.

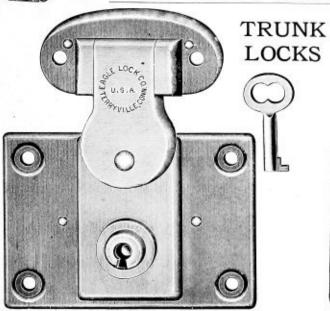


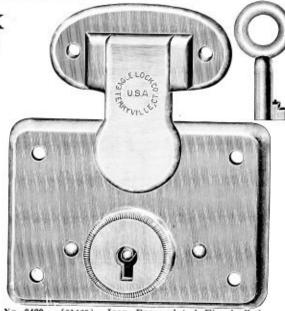
One dozen in a box.

All illustrations show actual sizes.

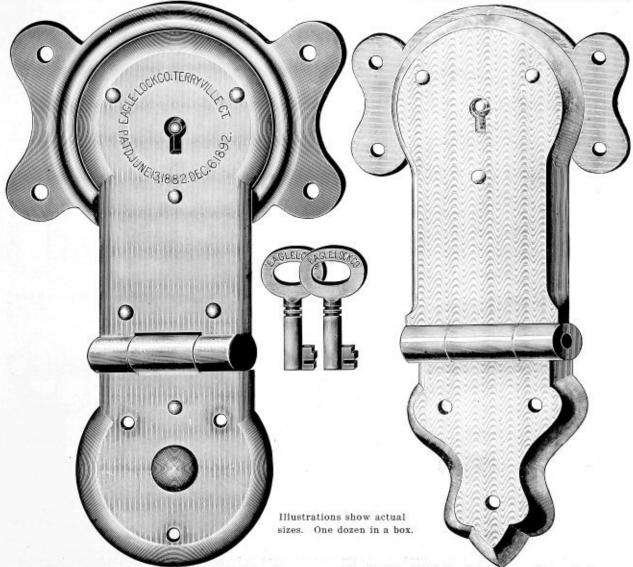








No. 8429.—(01469). Iron. Brass-plated. Fine buffed finish. 3-inch. One key each. Per dozen \$ 4.00

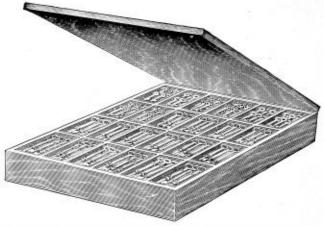


No. 8355½.—(01156¾P). Iron. Brass-plated. Guard cup. Two secure levers. 6¾x3¾ in. Two nickel-plated keys each. Per doz. \$ 6.00

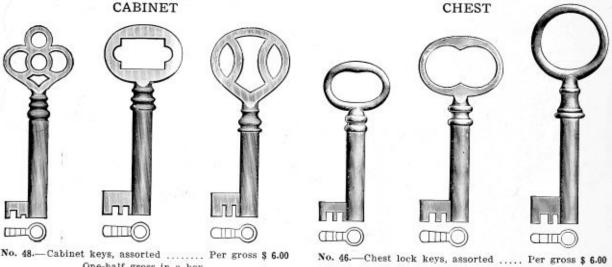


#### **KEYS**

#### NO. 200 KEY ASSORTMENT



No. 200 .- Key assortment. 144 keys assorted cut and blank. Suitable for cabinet locks, padlocks, door locks, etc. Steel and malleable, plain and plated. Put up in attractive hardwood hinge cover case 10x15 inches in size, partitioned into 24 trays, forming a compact and permanent case for this stock. 

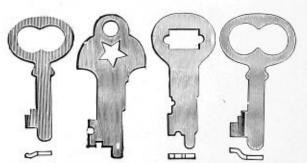


No. 48.—Cabinet keys, assorted ...... Per gross \$ 6.00 One-half gross in a box.

One-half gross in a box. BARREL TRUNK FLAT TRUNK



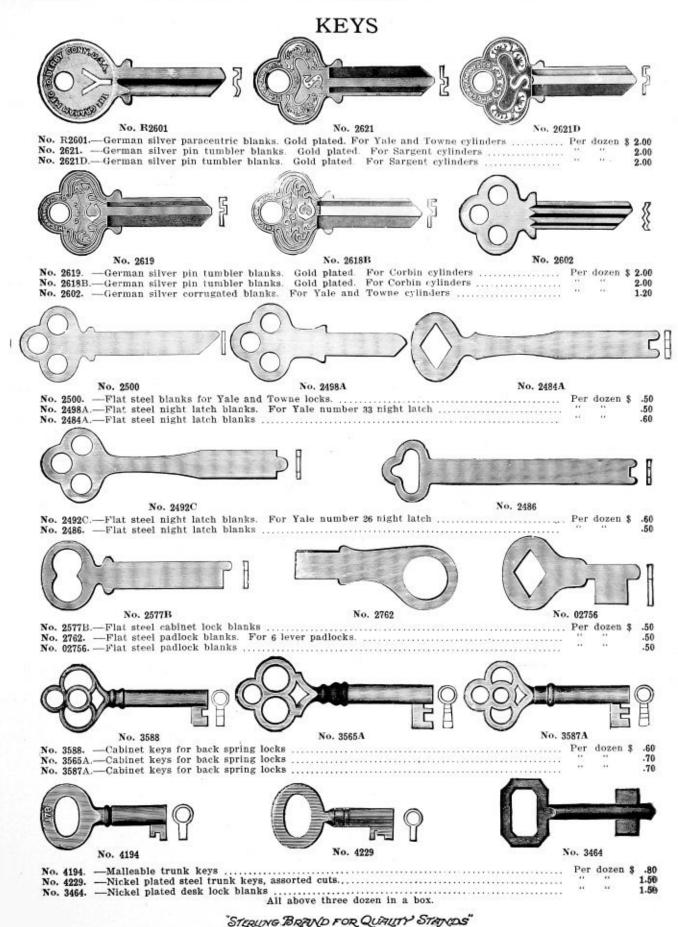
No. 51.—Barrel trunk keys, assorted. Per gross \$ 6.00 One-half gross in a box.



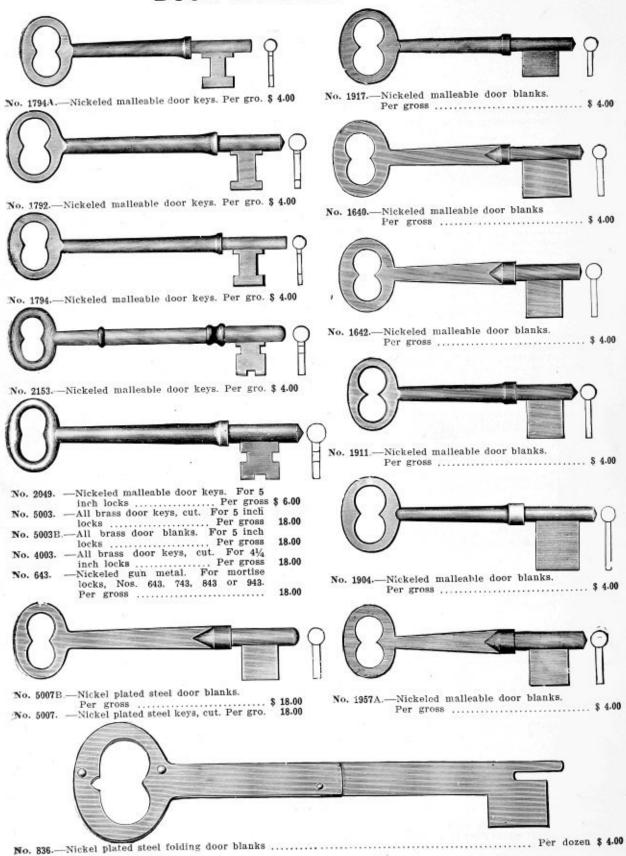
No. 32 .- Flat steel trunk keys, assorted. Per gross \$ 3.00 One-half gross in a box.

In making up all the above assortments great care has been taken to include only the keys which experience has taught us are desirable and that meet the requirements of the general trade.





# DOOR KEYS AND BLANKS

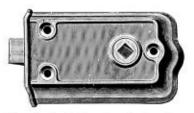


All above one-fourth gross in a box.



#### RIM LATCHES

#### RIM KNOB LATCH



No. 4018.—Rim knob latch. Iron bolt. Japanned case 3%4x2½ inches, ½ inch thick. Distance from face to center of hub 2½ in. Hub for ½ inch straight spindle.

Regular bevel. Reversible for right or left hand. Complete with screws.

Per dczen \$2.50
One-half dozen in a box.

# MORTISE LATCHES

#### MORTISE KNOB LATCHES



Mortise Knob Latches. Steel case 1½x3 inches. As inch thick. Distance from face to center of hub, 2½ inches. Hub for A inch straight spindle. Front ¾x2½ inches. Reversible for right or left hand. With screws complete.

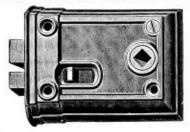
No. 4610S. -Brass plated front, bolt and case.

Per dozen \$ 2.40

No. AB4610S.—Antique copper finish, steel front and case. Iron bolt ...... Per dozen 3.50

One dozen in a box.

#### RIM LATCHES, SLIDE BOLT



No. 4026.—Rim knob latch, with slide bolt. Iron bolts. Japanned case 3½x23½ inches, 5½ inch thick. Distance from face to center of hub 2¾ inches. Hub for ½ inch straight spindle. Regular bevel. Reversible for right or left hand. Complete with screws ........... Per dozen \$ 3.00 One-half dozen in a box.

# SARGENT & CO. EASY SPRING

#### SECRET GATE LATCHES

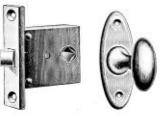


Works by pressure of the finger to the under side of the Latch. The Knob has no effect upon the Latch Bolt.

Secret gate latches for office gates. Case 23/x2 inches, 3/4 inch thick. Reversible for right or left hand. Packed with both regular and reverse bevel strikes. Complete with screws.

One-half dozen in a box.

#### MORTISE LATCH COMPLETE



One-half dozen in a box.

# RIM NIGHT LATCHES



No. 4114.-Iron draw back bolt. Brass stop knob. Japanned iron case 3 x 21/2 inches, 11-16 inch thick. Japanned circular key plate escutcheon. Distance from face to center of key hole, 2% in. 2 nickel-plated steel keys. Reversible bolt. Complete with screws, ...... Per dozen \$ 4.00 One-half dozen in a box.

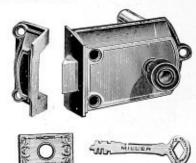




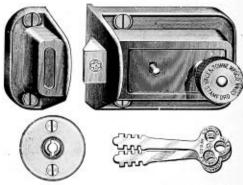
No. 1501 .- Eagle latch. Bronze-plated knob, cutcheon, tube and bolt. Japanned iron case, 31/4x2 in. 2 double bitted nickel-plated steel keys. Oval knob indicates at a glance whether bolt is in locked or unlocked position. Suitable for doors % to 1% inches thick. Complete with .....Per dozen \$ 5.50 One-twelfth dozen in a box.



No. 26.-Yale latch. Nickel-plated steel turn knob and escutcheon. Japanned iron case, 31/4x 2 in., 3/4-inch thick. Brass tube and plated iron bolt. Distance from face to center of keyhole 21/3 in. Reversible for either right or left hand doors. Two nickel-plat-ed flat steel keys. Suitable for doors up to 134 inches thick. Complete with screws. Per dozen One-twelfth dozen in a box.



No. 170 .- Automatic latch. Bronze metal bolt and escutcheon. Japanned iron case, 3%x2½ inches. Reversible bolt. Brass tube 3% inches. Reversible bolt. Blass tude %-inch in diameter and %-inch long. Sel-vedge 1% inches. 2 nickeled steel keys. Suitable for doors % to 1% inches thick. Reversible bolt adapts this latch as well to doors that open outward as to those that open inward. Often used as a cupboard latch. Complete with screws. Per dozen ...... One-twelfth dozen in a box.



No. 20 .- Yale latch. Bronze metal stop and escutcheon. Japanned iron case 3x21/4 in., %-inch thick. Brass tube and plated iron bolt. Distance from face to center of keyhole 2 inches. Reversible for either right or left hand doors. Two nickel-plated flat steel keys. Suitable for doors up 13/4 in. thick. Complete with screws...Per dozen \$ 8.00 One-twelfth dozen in a box.

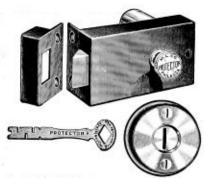


No. 166.-Tubular latch. Nickel-plated knob and polished iron reversible bolt. Japanned iron case 334x25% in. Iron tube 34-inch in diameter, %-inch long. 2 nickel-plated flat steel keys. Complete with screws. Per dozen..... \$ 9.00

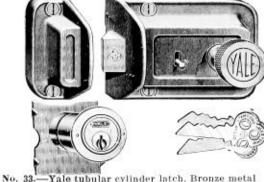
One-twelfth dozen in a box.



### RIM NIGHT LATCHES



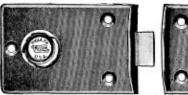
No. 378.—Protector latch. Bronze metal bolt, knob and escutcheon. Black enameled steel case 3x1% inches. German silver spring and improved knob. 2 rolled steel-plated keys. Reversible bolt. Suitable for doors % to 2 inches thick. Tube 34 inch in diameter. Selvedge 2 % inches. Complete with screws..........Per dozen \$ 9.00 One-twelfth dozen in a box.

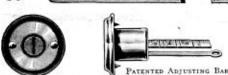


.—Yale tubular cylinder latch. Bronze metal cylinder, turn knob and stop. Bronze-plated steel tube and iron bolt. Japanned iron case 3x2¼ inches, %-inch thick. Distance from face to center of keyhole 2 inches. Reversible for either right or left hand doors. Three nickel-plated flat steel keys. Snitable for doors ½ to 1½-inches thick. Complete with screws. Per dozen

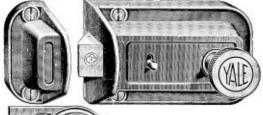
One-twelfth dozen in a box.







One-twelfth dozen in a box.







No. 34.—Yale tubular cylinder latch. Bronze metal cylinder, tube, turn knob and stop. Bronze-plated iron bolt. Japanned iron case 3½x2½ inches, ¾ inches thick. Distance from face to center of keyhole 2¾ inches. Reversible for either right or left hand doors. Three German silver corrugated keys. Suitable for doors up to 1½ inches thick. Complete with screws. Per dozen

One-twelfth dozen in a box.

...... \$ 20.00

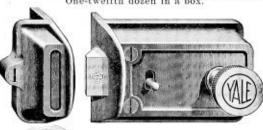








No. 137C.—Improved cylinder latch. Bronze metal bolt, knob and combined escutcheon and tube. Antique copper finish, extra heavy cast iron case 3%x2½ in. Suitable for doors % to 2 inches thick. Tube ¾-inch in diameter. Selvedge 1% inches, with corrugated key way in cylinder. 12 key changes. With two short nickel-plated corg. steel keys. Complete with screws.....Per dozen \$ 12.00 One-twelfth dozen in a box.



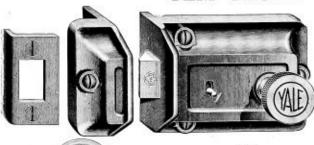




No. 037.—Yale cylinder latch. Bronze metal cylinder, bolt, turn knob and stop. Japanned iron case 3%x2 inches, 1-inch thick. Distance from face to center of keyhole 23% inches. Reversible for either right or left hand doors. Three nickel-plated flat steel keys. Suitable for doors % to 2½ in. Complete with screws. Per doz. \$ 22.00 One-twelfth dozen in a box.



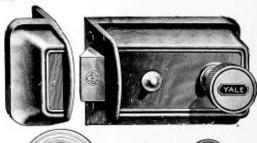
# RIM NIGHT LATCHES







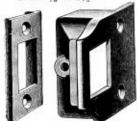
No. 35.—Yale cylinder latch. Bronze metal cylininder, turn knob and bolt. Japanned iron case, 3½x2½ in., ½-inch thick. Distance from face to center of cylinder, 2¾ in. Reversible—packed with reverse bevel suitable for doors, opening either in or out. Three corrugated keys. For doors ½ to 2½ in. thick. With screws. Per doz. \$ 24.00

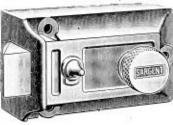






No. 42.—Yale Standard latch. Bronze metal cylinder, bolt, turn knob and stop. Antique copper finish, iron case  $31/2 \times 23 \%$  in., 1 inch thick. Distance from face to center of cylinder 23 % in. Reversible. Three paracentric keys. Suitable for doors 7 % to 2 % in. With screws. Per doz. § 30.00

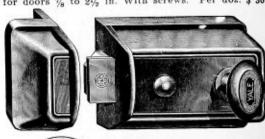






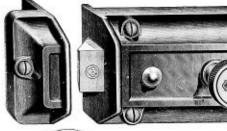


No. 4287.—Sargent cylinder latch. Bronze metal cylinder, turn knob and bolt. Japanned iron case 3\%\x2\%\cdot\_2\in. 1-inch thick. Distance from face to center of cylinder 2\%\ in. Reversible for either right or left hand doors and with reverse bevel. Three German silver keys. For doors \cdot\_8\ to 2\%\ in. thick. With screws. ... Per dozen \\$ 27.00





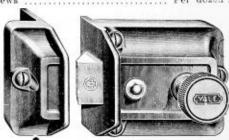








No. 042.—Yale cylinder latch. Bronze metal cylinder, bolt, turn knob and stop. Japanned iron case 3%x2½ in., 1 inch thick. Distance from face to center of cylinder 2% in. Reversible. Three paracentric keys. Suitable for doors % to 2½ in. thick. Complete with screws. Per doz. \$ 28.00







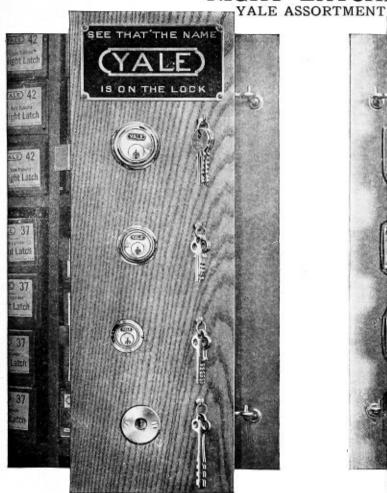
No. 042½.—Yale cylinder latch. Bronze metal cylinder, bolt, turn knob and stop. Narrow stile, backset 15% in. Japanned iron case 2¾x2¾ in., 1 inch thick. Three paracentric keys. For doors 7% to 2½ in. thick. With screws. Per doz. \$ 28.00 in a box.

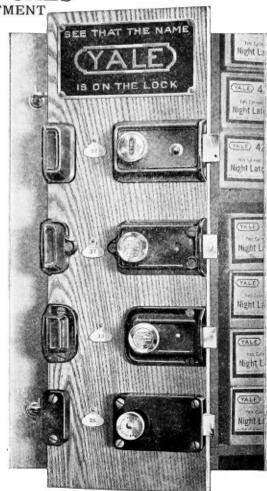
One-twelfth dozen in a box.

Latch 4287 may be master keyed in sets of any required number or with any Sargent cylinder locks or latches shown in this catalogue taking the same size cylinder. Latches 042, 042½, 42 and 44 may be master keyed in sets of any required number or with any Yale cylinder locks or latches in this catalogue taking the same size cylinder.



### NIGHT LATCHES





No. 100 Assortment.—Yale night latches. Two each numbers 42, 37 and 33; Six number 26—in all 12 good selling and popular types of Yale latches. One of each mounted on mahogany display board—the remaining 8 each in paper carton and affording a fair stock assortment. The display board is 6 inches wide and 18 inches high. Fitted with screw hooks and eyes for hanging. An added feature is that this board shows the method of applying and the workings of each latch when in use. One in a case ......... Per assortment \$ 18.28 All the above latches regularly carried in stock and described in detail on pages 392 to 394.

#### MORTISE NIGHT LATCH



No. 4734.—Mortise Night Latch. Japanned case 2x3½ inches, ¾-inch thick. Distance from face to center of key hole, 2½ inches; thumb knob 2½ inches. Brass front 1x3½ inches. Brass bolt, reversible for right or left hand. Brass thumb knob. Two nickel-plated steel keys and double key hole. Japanned round key hole plate. Complete with screws. Per dozen § 16.00 One-half dozen in a box.

#### CYLINDER MORTISE NIGHT LATCH



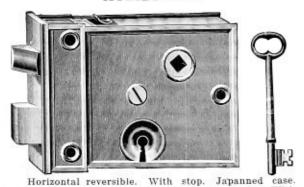
No 4771Px1620½P.—Cylinder mortise night latch.
Bronze metal flat front, cylinder and knob.
Japanned case, 3½x3¼ inches, 5½ inch thick.
Back set 2½ in. Brass hub for fa-inch spindle.
Bronze metal front ½x5 in. Easy spring latch
bolt. 3 keys. Operated from outside by key,
inside by patent knob. One in a box. ... Each \$ 5.59

"STERLING BRAND FOR QUALITY STANDS"

# RIM KNOB LOCKS

6.00

#### HORIZONTAL

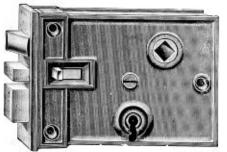


Patent lever and easy springs. Size 41/4 x 31/4 in. With screws and Japanned plate escutcheon. No. R23001/2.—Iron bolts. Brassed iron key. Per doz. \$ 2.50 No. R2300½A.—Iron bolts. Brassed iron key. Com-plete with mineral knobs and Japanned roses. Per dozen . 4.00 io. R23001/2B .- Iron bolts. Brassed iron key. Complete with porcelain knobs and Japanned roses. Per dozen

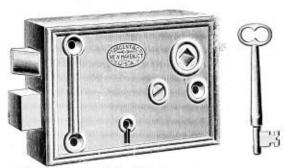
No. R2300½E.—Iron bolts. Brassed iron key. Complete with jet knobs and Japanned roses. Per dz.

No. R2300½EB.—Iron bolts. Brassed iron key. Per dozen 4.00 4.00

Complete with jet knobs and Japanned roses. 4.50 2.50 5.00 plete with jet knobs and Japanned roses. Per dz. 7.00No. 417.—Brass bolts. Nickel-plated steel keys. Per dozen .....

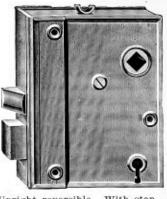


Horizontal reversible. With slide bolt. Japanned case. Patent Lever and easy springs. Size 41/4x31/4 in., with screws and Japanned plate escutcheon, No. 0443. —Brass bolts. Brass key....Per dozen \$ 6.59 No. 0443E.—Brass bolts. Brass key. Complete No. 0443E.—Brass bolts. Brass key. Co with jet knobs and Japanned Roses. Dozen



Horizontal reversible. With stop. Wrought steel ivory ack case. Size 41/2x31/4 inches. With screws and Jablack case. Size 41/2x31/4 inches. panned plate escutcheon. No. 3213S .- Iron bolts. Tinned iron key, Per dozen \$ 4.00

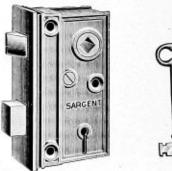
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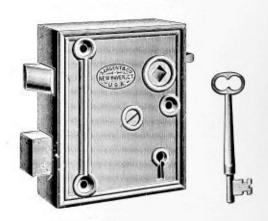
Upright reversible. With stop. Japanned case. Patent lever and easy springs. Size 4x31/4 inches. With screws and Japanned plate escutcheon.

No. 0021½. — Iron bolts. Brassed iron key. Per dz. \$ 2.50 No. 0021½A.—Iron bolts. Brassed iron key. Com-plete with mineral knobs and Japanned roses. Per dozen .....



Upright reversible, Japanned case. Size 3½x2 inches. Face to center of keyhole 1¾ inches. With screws and Japanned plate escutcheon. Suitable for closet and cupboard doors.

No. 2130 .- Iron bolts. Tinned iron key. Per doz. \$ 4.00

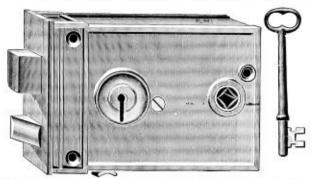


Upright reversible. With stop. Wrought steel ivory black case. Size 4x31/2 inches. With screws and Japanned plate escutcheon. No. 2213S .- Iron bolts. Tinned iron key. Per dozen \$ 4.00

One-half dozen in a box. Locks only; twelve dozen in a case. Locks and knobs, six dozen in a case,

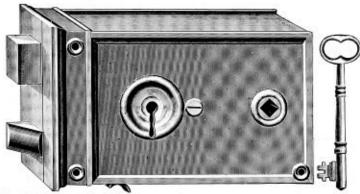


# HORIZONTAL RIM KNOB LOCKS



Horizontal reversible. With stop. Japanned case. Size 5x3\(^4\) inches. Rack tumbler. With screws and Japanned plate escutcheon.

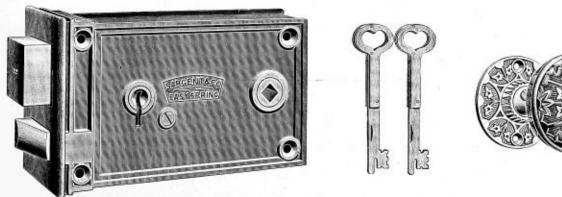
No. 501.—Iron bolts. Brassed iron key	dozen (	\$ 5.50
No. 5003.—Brass-plated bolts. Brass key.		6.00
No. 5007.—Brass-plated bolts. Nickel-plated steel key.		6.00
No. 503.—Brass bolts. Brass key		8.00
No. 507.—Brass bolts. Nickel-plated steel key.		8.00



Horizontal reversible. With stop. Japanned case. Size 6x3\(\frac{4}{4}\) inches. Rack tumbler. With screws and Japanned plate escutcheon.

No. 551.—Iron bolts.	Brassed iron keyPer	dozen	\$ 8	-00
No. 553.—Brass bolts.	Brass key	64	12	.00

All above one-half dozen in a box; twelve dozen in a case.

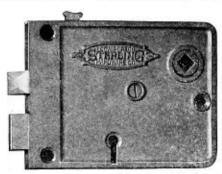


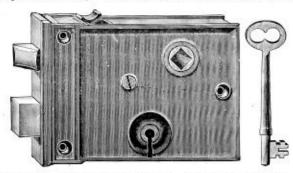
Heavy horizontal reversible. Japanned case. Size 6x4 inches. Rack tumbler. Bronzed iron knob and keyhole plate.

"STERUNG BRAND FOR QUALITY STANDS"



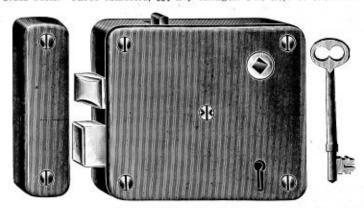
# HORIZONTAL RIM KNOB LOCKS





Horizontal reversible. With stop. Heavy Japanned case. Size 4½x3½ inches. Wrought steel rack tumblers, beveled holts, patent lever and easy springs. Nickel plated steel key.

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No. 22111/2 Polished iron bolts. One tumbler, 36 key changes. One key to	each lock	Per	dozen \$	8-00
No. 2211/2x2.—Polished iron bolts. One tumbler, 36 key changes. Two keys	to each lock		**	10.00
No. 22161/2Polished brass bolts. Three tumblers, 124 key changes. One ke	y to each lock	11	**	11.00
No. 221616x2.—Polished brass bolts. Three tumblers, 124 key changes, Two l		**	**	13.00



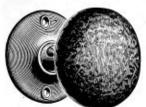
Horizontal reversible. With stop. Heavy case black enameled. Size 4½x4 inches. Wrought steel rack tumbler, patent lever and easy springs.

No. 800.—Polished iron beveled bolts. One tumbler, 36 key changes. Nickel plated steel key ..... Per dozen \$ 11.00

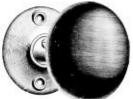




# DOOR KNOBS







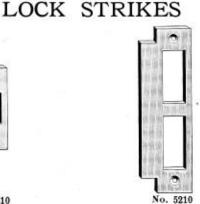
							-	
No. 141			241		Nos.	341	& 534	
No. 141Rim knobs.	Mineral, 21/4 in. Japanned roses	and	shanks. & in. spindle. A	djust 1% to 2	21/4 in.	Per	doz. §	1.60
No. 241.—Rim knobs.	Porcelain, 21/4 in. Japanned roses	and	shanks. 🖟 in. spindle. A	djust 1% to	21/4 in.	11	**	1.70
No. 341.—Rim knobs.	Jet, 21/4 in. Japanned roses and	shan	ks. 👆 in. spindle. Adjus	t 13/4 to 21/4 in	1	**	6.6	1.70
	os. Jet, 21/4 in. Ant. cop. shanks,					**	4.4	3.00



No. AB1342.—Mortise knobs. Wrought steel, Ant. cop., 2½ in. ½ in. spindle. Adjust 1½ to 2½ in. ... Per dozen \$ 8.00 No. T1442A.—Rim knobs. Cast iron, Tuscan bronzed, 2½ in. ½ in. spindle. Adjust 1½ to 2½ in. ... " " 6.00 Mortise knobs can be furnished without roses at same prices. One dozen in a box; twenty dozen in a case.

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			98 30 19.0	<b></b>	CERTIFICATION STATE	2000
Nos. 3203 and 3730	No. 4610				164 and	
No. 3203Rim lock strike f	or 41/4 inch horizontal r	im locks				
No. 3730Rim lock strike for	or 5 inch horizontal rim	locks			**	1.20
No. 4610 Mortise latch stril	se for small mortise late	hes		**	"	-50
No. 5210 Mortise lock strik	e lacquered, for 31/2 inc	h mortise locks			44	1.00
No. 5164 Mortise lock strik	e, brass plated for 31/2 in	ch mortise locks .			**	1.50
No. 6354P.—Mortise lock strik	e, wrought bronze for 43				44	5.00

# KNOB SPINDLES

STRAIGHT



Straight knob spindles. For rim or mortise locks. fg inch.—Assorted lengths ......... Per dozen \$ .80

#### SWIVEL



#### CLOSET



Closet spindles. Japanned button head.

No. 10.—For rim locks. 15 inch ..... Per dozen \$ 2.40

No. 11.—For mortise locks. 15 inch .. " " 2.40

# LOCK SPRINGS



Flat steel lock springs. coils 5 feet long.	For ri	n or	morti	se loc	ks	. In
inch		Per	dozen	coils	\$	2.00
₫ inch		•	**	**		2.00
1/4 inch		**	44			2.00

MAAAAAAAA



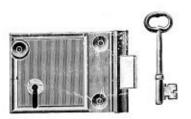
No. 4610.—Brass compression coil springs. 13/4 in. long. For mortise or rim locks. Per gro. \$ 2.00 No. 5234.—Brass check or pull springs. 11/8 in. long. For mortise or rim locks., Per gross \$ 4.00 One-fourth gross in a box.

#### SIDE KNOB SCREWS

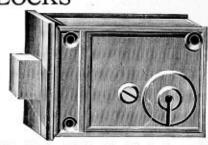


Side Knob Screws, % inch, No. 9 ...... Per gross \$. 94

# RIM DEAD LOCKS



No. 701 .- Horizontal rim dead lock. Japanned case 23/4x2 in. Iron bolt and brassed iron key. For right or left hand doors. With screws and japanned plate escutcheon. Per dozen . . . . . . . . . . . \$ 2.40 One dozen in a box.

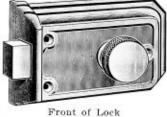


No. 721 .- Horizontal rim dead lock. Japanned case 31/2x21/2 in. Iron bolt and brassed iron key. For right or left hand doors. With screws and japanned plate escutcheon. Per dozen One-half dozen in a box.









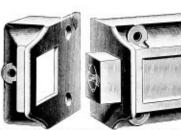


Rim Strike Both Strikes packed with goods

Back of Lock

Two Keys

No. 4327.—Rim dead lock, tubular. Japanned case 3½ x2% inches and ¾ inches thick. Distance from face to center of keyhole, 2½ inches. Bronze metal bolt, turn knob and key-plate. Reversible right or left hand. Packed with both mortise and rim strikes. Two nickel plated steel keys. Adjustable for doors 1 to 13/4 inches thick. Complete with screws ...... Per dozen \$ 10.00 One-twelfth dozen in a box.







No. 4337.—Cylinder rim dead lock. Japanned case, 33/4x21/2 in., and 1 in. thick. Distance from face to center of cylinder 23% in. Bronze metal bolt, turn knob and cylinder. Reversible for right or left hand doors. With three oxidized German Silver keys. Adjustable for doors 7% to 3 in. thick. Key changes unlimited. Complete with screws Per dozen \$ 36.00 One-twelfth dozen in a box.





No. 4561.—Rim store door dead lock. Japanned case, 5x3½ in., and ½ in. thick. Distance from face to center of keyhole, 2½ in. Extra heavy iron bolt, one tumbler. Brass bushed keyhole. For right or left hand doors. With two nickel plated folding steel keys. Japanned keyhole plate. Complete with screws ...... Per doz One-twelfth dozen in a box. Per dozen \$ 12.00







-Cylinder rim store door dead lock. Japanned case 4x21/2 and 1 in thick. Distance from face to center of cylinder 11/4 in. Bronze metal bolt and cylinder. Open ated from both sides by key. Reversible for right or left hand doors. Key changes unlimited. Adjustable for doors 1% to 3% in. thick. With three oxidized German Silver keys. Complete with screws. Per doz. \$ 54.00 One-twelfth dozen in a box.

Locks 4337 and 4377 may be master keyed with any Sargent cylinder locks at an advance list of \$12.00 per dozen cylinders.



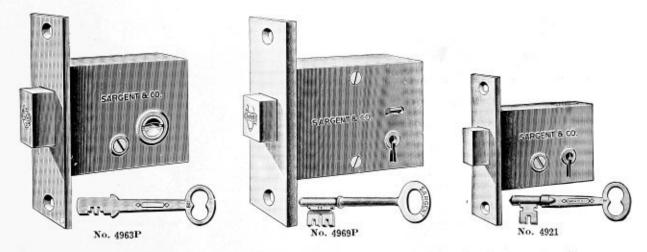
# MORTISE DEAD LOCKS





One in a box.

Locks 4881P and 4861P may be master keyed with any Sargent cylinder locks at an advance list of \$1.00 per cylinder. Can also be furnished for doors thicker than 21/4 in ches when so ordered. Price on application.



No. 4963P.—Mortise dead lock. Japanned case 2½x3 inches, ½ inch thick. Distance from face to center of keyhole, 2¼ inches Bronze metal front and bolt. Size of front 1½x4¾ inches. Reversible for right or left hand door. With two nickel plated flat steel keys. Three wrought steel tumblers, 48 key changes. Bronze metal key-plate for each side of door. Complete with screws ......... Per dozen \$ 30.00 One-fourth dozen in a box.

No. 4921. —Mortise dead lock. Japanned case, 2x2½ inches and 5½ inch thick. Distance from face to center of keyhole, 1½ inches. Cast iron front, lacquered, ½x3½, inches. Iron bolt. Reversible for right or left hand doors. One wrought steel tumbler. Japanned key plates. Two nickel plated steel keys.

Complete with screws Per dozen \$ 9.00

One-half dozen in a box.

# MORTISE KNOB LOCKS



No. 5011



No. 5121. For Very Thin Doors

One-half dozen in a box.

One-half dozen in a box.



Nos. Y5161, AB5161 and 5164P



No. 5234P

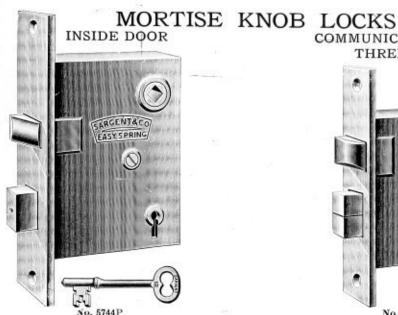
One half dozen in a box.

No. 5234P. —Mortise knob locks, easy spring. Japanned case 3½x3¼ inches, 5½ inch thick. Distance from face to center of keyhole, 2½ inches. Polished cast bronze front 18x5½ inches. Cast bronze bolts. Reversible for right or left hand doors. One wrought steel tumbler, 24 key changes. One nickel plated steel key. Hub for 50 inch spindle. Complete with screws to match. . . . . . Per dozen \$ 12.00

One-half dozen in a box.

STERUNG BRAND FOR QUALITY STANDS





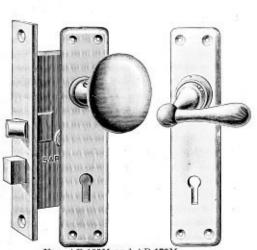
COMMUNICATING DOOR THREE BOLT

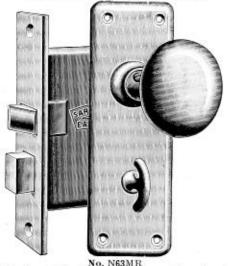


One-fourth dozen in a box.

#### FRENCH WINDOW LOCK SETS







No. AB 160M and AB 178M

No. AB160M.—French window lock set. Japanned case lock 3%x15% inches, ½-inch thick. Distance from face to center of keyhole, 1 inch. Antique copper finish iron front, #%x5 inches. Brass bolts. Reversible for right or left hand doors, one wrought steel tumbler, 12 key changes. One nickel-plated steel key. Packed complete with knob on one side and lever on the other and two escutcheons, 1x43% inches, antique copper finish on steel.

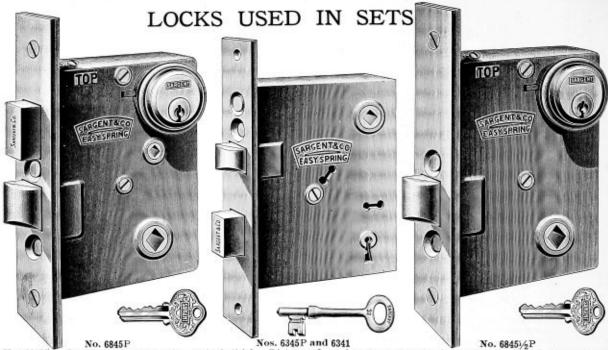
Per set

No. AB178M.—French window lock sets. Japanned case lock 3%x1% inches, ½-inch thick. Distance from face to center of keyhole, 1 inch. Polished antique copper cast bronze front {\}\text{x5} inches. Bronze bolts. Reversible for right or left hand. Three wrought steel tumblers, 18 key changes. One nickel-plated steel key. Packed complete with bronze knob on one side and lever on the other and two bronze escutcheons. 1\(\text{4x5} inches. antique copper finish.

Per set

One set in a box.

2.50



845P.—Japanned case 5½x4 in., %-inch thick. Distance from face to center of cylinder 2¾ in. For doors 1¾ to 2¼ in. Cast bronze adjustable front, 7¾x1¼ in. Easy spring, heavy bronze bolts. Both bolts operated from outside by key; latch bolt from both sides by knob; dead bolt from inside by thumb knob; outside knob set by stop in face No. 6845P .-With three oxidized German silver keys. Reversible for right or left hand doors. Packed with all cylinder front door or cylinder front door and vestibule sets illustrated on pages 406 to 424.

No. 68451/2P .- Latch. Same dimensions and description as lock 6845P, but with latch bolt only (no dead bolt). Packed with all cylinder vestibule sets illustrated on pages 406 to 424.

No. 6345P.—Japanned case 434x356 in., 34-inch thick. Distance from face to center of keyhole 276 inches. Cast bronze front, 676x1 inch. Easy spring, bronze bolts, 3 tumblers, 100 key changes. One turn of the key works the dead bolt, a second turn the latch bolt. 3 nickel-plated steel keys. Reversible for right or left hand doors. Packed with

all bronze metal bit key front door, bit key front door and vestibule sets illustrated on pages 406 to 424.

No. 6345\(^12\)P.—Latch. Not illustrated. Japanned case 3\(^16\)x3\(^12\) in. With latch bolt only (no dead bolt). Front 6x1 in.

Otherwise same as 6345\(^12\) lock. Packed with all bronze metal bit key, F. D. & V. sets, illustrated on pp. 406 to 424.

No. 6341.—Same general description as 6345\(^12\), but with iron front and bolts and one tumbler, 36 key changes. Packed

with all bit key steel front door sets illustrated on pages 406 to 424.



No. 5234P.—Japanned case  $3\frac{1}{2}x3\frac{1}{4}$  in., %-inch thick. Distance from face to center of keyhole,  $2\frac{1}{4}$  in. B. front  $5\frac{1}{2}x\frac{1}{4}$  inch. Easy spring. One tumbler, 24 key changes. One N. P. key. Reversible for R. or L. hand doors. With all easy spring inside sets illustrated on pages 407 to 423. For this lock separately, see page 402.

No. 5164P.—Japanned case  $3\frac{1}{4}x3\frac{1}{4}$  in., %-inch thick. Cast bronze front  $5\frac{1}{4}x\frac{1}{4}$  in. Free action latch bolt. One tumbler, 12 key changes. One key. Reversible for right or left hand doors. Packed with all free action latch bronze metal inside sets, illustrated on pages 407 to 423. For this lock separately see page 402.

No. 5164P.—Game dimensions and description as 164P. but with wrought steel front and iron holts. Packed with all

No. 5161.—Same dimensions and description as 5164P, but with wrought steel front and iron bolts. Packed with all steel inside sets illustrated on pages 407 to 426.

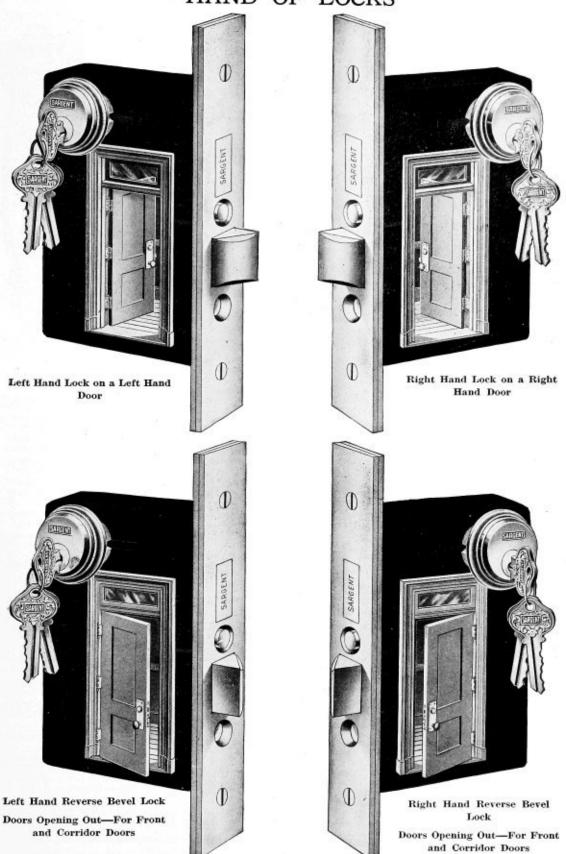
No. 6963P.—Japanned case 51/4x3/4 in., 5/8-inch thick. Bronze metal front 77%x1 inch. Distance from face to center of keyhole 21/2 inches. With strike plate for single doors. Packed with all B. M. single S. D. sets illustrated on pages 407 to 426.

No. 6964P.—Same dimensions and description as 6963P, but with box strike. Packed with all bronze metal double sliding door sets illustrated on pages 407 to 426.

Nos. 6961 and 6962 are same dimensions as 6963P and 6964P. With iron fronts and packed with iron front sliding door sets illustrated on pages 407 to 426.



# HAND OF LOCKS



When reversible locks are not used always specify " a hand of the lock wanted—not the hand of the door; beveled front locks and rabbeted locks are never reversible.

# A. N. ALBY DESIGN

CYLINDER FRONT DOOR LOCKS



Nos. 5035AN and 5035ANx1/2

BIT KEY FRONT DOOR LOCKS



Nos. 4426AN, 4426ANx1/2 and 4126AN



Nos. 892AN and 392AN

#### AN ALBY DESIGN. OF FINISH.

	ALL MADE DESCRIPTION OF PRINCIPLE	
No.	Dull brass, light, polished with depressed surface oxidized black and relieved.  OE5035AN.—Cylinder front door lock. Brass metal front. Reversible lock 5½x4 inches. Wrought brass escutcheon 10½x2% inches outside; 7%x2% inches inside. Wrought brass swivel spindle knob, 2½x2% inches	
No.	cutcheon 10½x27% inches outside; 73%x23% inches inside. Wrought brass swivel spindle knob, 2½x2½ in.  Three oxidized German silver keys.  Per set:  OE5035ANx½-—Cylinder front door and vestibule set. Front door lock as OE5035AN. Complete with vestibule latch 5½x4 inches, trimmed same as lock.  Per set	17.00
	OE4426AN.—Bit key front door lock. Brass metal front, reversible lock 4¾x35% inches. Three wrought tumblers, 100 key changes. One turn of the key works the dead bolt, a second turn the latch bolt. Three nickle-plated steel keys. Wrought brass escutcheon 10½x25% inches outside; plate escutcheon 2½x1½-inch inside. Wrought brass swivel spindle knob 2½x2¼ inches.  Per set	3-20
	OE4426ANx1/2.—Bit key front door and vestibule set. Front door lock as OE4426AN. Complete with vesti- bule latch 376x33/4 inches, trimmed same as lock	6-10
No.	OE4126AN.—Bit key front door lock. Iron front reversible lock 4¾x3% inches. One wrought tumbler, 36 key changes. One turn of the key works the dead bolt, a second turn the latch bolt. Three nickel-plated steel keys. Wrought steel escutcheon 10½x2% inches outside; plate escutcheon 2½x1½ inches inside. Wrought steel swivel spindle knob 2¼ inches.  ———————————————————————————————————	2.20
	One set in a box.	
No.	OE892AN.—Push plates. Wrought brass 101/2x27/8 inches	9.00
No.	OE392AN.—Push plates. Wrought steel 10½x27% inches	4.80
	AN ALBY DESIGN. A5B FINISH.	
	Antique copper, highly polished with center and depressed surface dark and raised portions light.	
No	A5B5035AN.—Cylinder front door lock. Bronze metal front reversible lock 5½x4 inches. Wrought bronze escutcheon 10½x2% inches outside; 7½x2% inches inside. Wrought bronze swivel spindle knob, 2½x2½ inches. Three oxidized German silver keys.	8 9.10
No	A5B5035ANx1/2.—Cylinder front door and vestibule set. Front door lock as A5B5035AN. Complete with vestibule latch 51/2x4 inches, trimmed same as lock	17.00
No	A5B4426AN.—Bit key front door lock. Bronze metal front reversible lock 4¾x2½ inches. Three wrought tumblers, 100 key changes. One turn of the key works the dead bolt, a second turn the latch bolt. Three nickel-plated steel keys. Wrought bronze escutcheon 10½x2½ inches outside; plate escutcheon 2½x1½ in. inside. Wrought bronze swivel spindle knob 2½x2¼ inches	3.20
No	- A5B4426ANx½-—Bit key front door and vestibule set. Front door lock as A5B4426AN. Complete with vestibule latch 3%x3½ inches, trimmed same as lock. Per set	6.10
No	A5B4126AN.—Bit key front door lock. Iron front reversible lock 4¾x35½ inches. One wrought tumbler, 36 key changes. One turn of the key works the dead bolt, a second turn the latch bolt. Three nickel-plated steel keys. Wrought steel escutcheon 10½x2½ inches outside; plate escutcheon 2½x1½ inches inside. Wrought steel swivel spindle knob 2¼ inches.  Per set  One set in a box.	2-20
No No	A5B892AN.—Push plates. Wrought bronze 10½x27% inches Per dozen  A5B392AN.—Push plates. Wrought steel 10½x2% inches "  One-half dozen in a box.	9.00 4.80
	For illustration and description of locks packed in above sets, see page 404.	



# A. N. ALBY DESIGN

INSIDE DOOR LOCKS



Nos. 1245AN, 1045AN and 344AN

SLIDING DOOR LOCKS

Cup Escutcheons

Used with

Sliding Door Locks

TURN DOOR BELLS

FLUSH SASH LIFTS





PUSH BUTTONS

Nos. 9184AN and 9144AN

DROP HANDLES



Nos. 800AN and 400AN



Nos. 870AN and 370AN

AN ALDY DESIGN OF PINION

Nos. 255AN and 250AN

	AN ALBY DESIGN. OE FINISH.	
	Dull brass, light, polished with depressed surface oxidized black and relieved.	
No	· OE1245AN.—Inside set. Brass metal front, easy spring reversible lock, 3½x3¼ inches. One nickel-plated	
	steel key. Wrought brass escutcheons 73/8x23/8 inches. Wrought brass knob 21/4 inches Per dozen	
No.	OE1045AN.—Inside set Same as OE1245AN, but with free action latch bolt lock	18.00
NO	OE 344AN.—Inside set. Wrought steel front, reversible lock 31/2x31/4 inches. One nickel-plated steel key.	44 40
	Wrought steel escutcheons 73%x23% inches. Wrought steel knob 21% inches. Per dozen One-twelfth dozen in a box. Five dozen in a case.	11.40
No.	OE6963AN.—Sliding door set, wrought brass. Flat front for single doors. 2 cup escutcheons 73/2x23/2 in. Per set	2.15
No.	OE5964AN.—Sliding door set, wrought brass. Flat front for double doors. 4 cup escutcheons 73/223/6 in. "	3.45
	OE6961AN.—Sliding door set, wrought steel. Flat front for single doors. 2 cup escutcheons 7%x2% in. "	1.60
	OE6962AN.—Sliding door set, wrought steel. Flat front for double doors. 4 cup escutcheons 7%x2% in. "	2.60
	One set in a box.	
No.	OE 255AN Turn bell. Wrought brass turn 4x1% in. Complete with 3-in. cast bell metal bell to match. Dozen	12.00
	OE 250AN.—Turn bell. Wrought steel turn $4x1\frac{5}{8}$ in. Complete with 3-in. wrought steel bell to match.	6.00
50750	One-twelfth dozen in a box.	
	OE1887AN.—Flush sash lifts. Wrought brass 4x15% inches Per dozen	1.80
	OE1487AN.—Flush sash lifts. Wrought steel 4x15% inches	-96
	OB cookit. Diop nanates. Wroaght blass 4x17g menes	4.80
No.	OE 400AN.—Drop handles. Wrought steel 4x15% inches	3.00
No		7.00
	OE9184AN.—Push buttons. Wrought brass 4 x1% inches. For electric bells	7.20 4.20
140.	One-half dozen in a box.	4.20
No		1.20
	OE 870AN.—Key plates. Wrought brass 2½x1½ inches. For door or cabinet locks. " OE 370AN.—Key plates. Wrought steel 2½x1½ inches. For door or cabinet locks. "	.72
	Two dozen in a box.	
	AN ALBY DESIGN. A5B FINISH	
	Antique copper, highly polished, with center and depressed surface dark and raised portions light.	
No.	A5B1245AN.—Inside set. Bronze metal front, easy spring reversible lock, 31/4x31/4 in. One nickel-plated steel	
	key. Wrought bronze escutcheons 7%x23% in. Wrought bronze knob 21% inches	20.40
No.	A5B1045AN.—Inside set. Same as A5B1245AN, but with free action latch bolt lock	18.00
No.	A5B 344AN.—Inside set. Wrought steel front, reversible lock, 31/2 x31/4 inches. One nickel-plated steel key.	V40000
	Wrought steel escutcheons 73/4x23/4 inches. Wrought steel knob 21/4 inches	11.40
200	One-twelfth dozen in a box; five dozen in a case.	
	A5B6963AN.—Sliding door set, wrought bronze. Flat front for single doors. 2 cup escutcheons 73/x23/4 in. Set	2-15
	A5B6964AN.—Sliding door set, wrought bronze. Flat front for double doors 4 cup escutcheons 73/8 x23/8 in. "	3.45
	ABB961AN.—Sliding door set, wrought steel. Flat front for single doors. 2 cup escutcheons 73/4x23/4 in. "	1.60
No.	A5B6962AN.—Sliding door set, wrought steel. Flat front for double doors. 4 cup escutcheons 7\%x2\% in. "  One set in a box.	2.60
No		10.00
	A5B 255AN.—Turn bell. Wrought bronze turn 4x1% in. Complete with 3-in. cast bell metal bell to match. Doz.	12.00
110.	A5B 250AN.—Turn bell. Wrought steel turn 4x15 in. Complete with 3-in. wrought steel bell to match. " One-twelfth dozen in a box.	6.00
No.	A5B1887AN.—Flush sash lifts. Wrought bronze 4x1% inches	1.80
	A5B1487AN.—Flush sash lifts. Wrought steel 4x154 inches "	.96
	A5B 800AN.—Drop handles. Wrought bronze 4x15% inches "	4-80
	A5B 400AN.—Drop handles. Wrought steel 4x15 inches "	3.00
	One dozen in a box.	2000
No.	A5B9184AN.—Push buttons. Wrought bronze 4 x1% inches. For electric bells	7.20
No.	A5B9144AN.—Push buttons. Wrought steel 4 x1% inches. For electric bells "	4-20
	One-half dozen in a box.	1000000
No.	A5B 870AN.—Key plates. Wrought bronze 21/4x11/8 inches. For door or cabinet locks "	1.20
No.	A5B 370AN.—Key plates. Wrought steel 2½x1½ inches. For door or cabinet locks "	.72
	Marie Asses in a best	

Two dozen in a box. For illustration and description of locks packed in above sets, see page 404.



# C. G. CRETE DESIGN

CYLINDER FRONT DOOR LOCKS

BIT KEY FRONT DOOR LOCKS

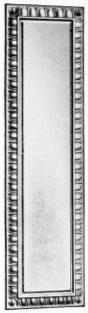
PUSH PLATES







Nos. 4429CG, 4429CGx1/2 and 4129CG



Nos. 892CG and 392CG

#### CG CRETE DESIGN. AB FINISH. Antique Copper, Highly Polished.

	middle copper, mgn/ ronnen	
No.	AB5038CG.—Cylinder front door lock. Bronze metal front reversible lock 5½x4 in. Wrought bronze escutcheon. 10½x3 inches outside; 6½x2¼ inches inside. Wrought bronze swivel spindle knob, 2½x2¼ inches.	
	Three oxidized German Silver keys	\$ 9.10
No.	AB5038CGx½.—Cylinder front door and vestibule set. Front door lock as AB5038CG. Complete with vestibule latch 5½x4 inches, trimmed same as lock	17.00
No.	AB4429CG.—Bit key front door lock. Bronze metal front reversible lock 4¾x35¼ inches. Three wrought tumblers, 100 key changes. One turn of the key works the dead bolt, a second turn the latch bolt. Three nickel plated steel keys. Wrought bronze escutcheon 10½x3 inches outside; plate escutcheon 2½x1¼ inches inside. Wrought bronze swivel spindle knob 2¼ inches	3.20
No.	AB4429CGx½.—Bit key front door and vestibule set. Front door lock as AB4429CG. Complete with vestibule latch, 37%x3½ inches, trimmed same as lock Per set	6.10
No.	AB4129CG.—Bit key front door lock. Iron front reversible lock 4\%\x3\% inches. One wrought tumbler, 36 key changes. One turn of the key works the dead bolt, a second turn the latch bolt. Three nickel plated steel keys. Wrought steel escutcheon, 10\%\x3 inches outside; plate escutcheon 2\%\x1\% in. inside. Wrought steel swivel spindle knob 2\% inches.  Per set	2.10
	One set in a box	2.10
No.	AB892CG.—Push plates. Wrought bronze, 101/2x3 inches	9.00
No.	AB392CG.—Push plates. Wrought steel, 10½x3 inches	4.80
	CG CRETE DESIGN. OF FINISH.	
	Dull brass, light, polished with depressed surface oxidized black and relieved.	
No.	OE5038CG.—Cylinder front door lock. Brass metal front reversible lock 5½x4 inches. Wrought brass escutcheon, 10½x3 inches outside; 6½x2½ inches inside. Wrought brass swivel spindle knob, 2½x2¼ inches. Three oxidized German Silver keys	9.10
No.	OE5038CGx½.—Cylinder front door and vestibule set. Front door lock as OE5038CG. Complete with vestibule latch 5½x4 inches, trimmed same as lock.	17.00
No.	OE4429CG.—Bit key front door lock. Brass metal front reversible lock 4¾x3½ inches. Three wrought tumblers, 100 key changes. One turn of the key works the dead bolt, the second turn the latch bolt. Three nickel plated steel keys. Wrought brass escutcheon 10½x3 inches outside; plate escutcheon 2½x1¼ inches inside. Wrought brass swivel spindle knob 2¼ inches.  Per set	3.20
No.	OE4429CGx½.—Bit key front door and vestibule set. Front door lock as OE4429CG. Complete with vestibule latch, 37%x3½ inches, trimmed same as lock	6.10
No.	<ul> <li>OE4129CG.—Bit key front door lock. Iron front reversible lock 4¾x3¾ inches. One wrought tumbler, 36 key changes. One turn of the key works the dead bolt, a second turn the latch bolt. Three nickel plated</li> </ul>	
	steel keys. Wrought steel escutcheon 101/2x3 inches outside; plate escutcheon 21/2x11/4 in. inside. Wrought steel swivel spindle knob 21/4 inches	2.10
No.	OE892CG.—Push plates. Wrought brass 101/2x3 inches	9.00
No.	OE392CG.—Push plates. Wrought steel 10½x3 inches. One-half dozen in a box.	4-80
	For illustration and described of the state	

For illustration and description of locks packed in above sets, see page 404. For store door handles and locks to match above design see page 436.

Master Keyed

Locks 5038CG and 5038CGx1/2 may be master keyed with any Sargent cylinder locks at an advance list of \$7.20 per dozen cylinders.



# C. G. CRETE DESIGN

TURN DOOR

BELLS

# INSIDE DOOR LOCKS

Nos. 1245CG, 1045CG

and 344CG



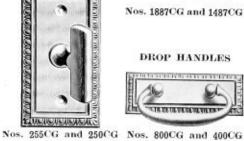


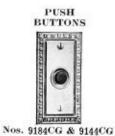




FLUSH SASH

LIFTS





KEY PLATES



Nos. 870CG and 370CG

#### CG CRETE DESIGN. AB FINISH.

#### Antique copper, highly polished.

No. AB1245CG.—Inside set. Bronze metal front easy spring reversible lock 31/2x31/4 inches. One nickel plated steel key. Wrought bronze escutcheons 61/2x21/4 inches. Wrought bronze knob 21/4 inches Per dozen :	0.00.40
No. AB1045CG.—Inside set. Same as AB1245CG but with free action latch bolt lock	
No. AB344CG.—Inside set. Wrought steel front, reversible lock 31/4x31/4 inches. One nickel-plated steel key	18.00
Wrought steel escutcheons, 6½x2¼ inches. Wrought steel knob 2¼ inches,	10.80
No. AB6963CG.—Sliding door set, wrought bronze. Flat front for single doors. 2 cup escutcheons 61/2x21/4 in. Set	2.15
No. AB6964CGSliding door set, wrought bronze. Flat front for double doors, 4 cup escutcheons 64,x24, in. "	3.45
No. AB6961CG.—Sliding door set, wrought steel. Flat front for single doors, 2 cup escutcheons 61/4x21/4 in. "	1.50
No. AB6962CG.—Sliding door set, wrought steel. Flat front for double doors. 4 cup escutcheons 61/2x21/4 in. "	2.40
One set in a box.	
No. AB 255CG.—Turn bell. Wrought bronze turn 31/4x13/4 in. Complete with 3 in. cast metal bell to match. doz.	12.00
No. AB 250CG.—Turn bell. Wrought steel turn 3½x1¾ in. Complete with 3 in. wrought steel bell to match. " One-twelfth dozen in a box.	6.00
No. AB1887CG.—Flush sash lifts. Wrought bronze 3x11/2 inches	1.80
No. AB1487CG.—Flush sash lifts. Wrought steel 3x11/2 inches	-96
No. AB 800CG.—Drop handles. Wrought bronze $4x1\frac{1}{2}$ inches " "	4.80
No. AB 400CG.—Drop hardles. Wrought steel 4x1½ inches " "	3.00
One dozen in a box.	0.00
No. AB9184CG.—Push buttons. Wrought bronze 31/4x13/4 inches. For electric bells	7.20
No. AB9144CG.—Push buttons. Wrought steel 31/4x13/4 inches. For electric bells	4.20
One-half dozen in a box.	1.20
No. AB 870CG.—Key plates Wrought bronze, 21/2/x11/4 inches. For door or cabinet locks	1.20
No. AB 370CG.—Key plates. Wrought steel, 21/8x11/4 inches. For door or cabinet locks	-60

#### CG CRETE DESIGN. OE FINISH.

Dull brass, light, polished with depressed surface oxidized black and relieved.	
No. OE1245CG.—Inside set. Brass metal front easy spring reversible lock 3½x3¼ in. One nickel-plated steel key Wrought brass escutcheons 6½x2¼ in. Wrought brass knob 2¼ inches Per dozer No. OE1045CG.—Inside set. Same as OE1245CG but with free action latch bolt lock ""  No. OE 344CG.—Inside set. Wrought steel front reversible lock 3½x3¼ in. One nickel-plated steel key Wrought steel escutcheons, 6½x2¼ in. Wrought steel knob 2¼ in. Per dozer One-twelfth dozen in a box; five dozen in a case.	1 20.40 18.00
No. OE6963CG.—Sliding door set, wrought brass. Flat front for single doors. 2 cup escutcheons $61/2x21/4$ in. Set No. OE6964CG.—Sliding door set, wrought brass. Flat front for double doors. 4 cup escutcheons $61/2x21/4$ in. "No. OE6961CG.—Sliding door set, wrought steel. Flat front for single doors. 2 cup escutcheons $61/2x21/4$ in. "No. OE6962CG.—Sliding door set, wrought steel. Flat front for double doors. 4 cup escutcheons $61/2x21/4$ in. "One set in a box.	3.45 1.50
No. AB 255CG.—Turn bell. Wrought bronze turn 31/4x13/4 in. Complete with 3 in. cast metal bell to match. doz turn 31/4x13/4 in.Complete with 3 in. wrought steel bell to match. "One-twelfth dozen in a box.	
No. OE1887CG.—Flush sash lifts. Wrought brass, $3x1\frac{1}{2}$ inches  No. OE1487CG.—Flush sash lifts. Wrought steel, $3x1\frac{1}{2}$ inches  No. OE 800CG.—Drop handles. Wrought brass $4x1\frac{1}{2}$ inches  No. OE 400CG.—Drop handles. Wrought steel $4x1\frac{1}{2}$ inches  One dozen in a box.	1.80 .96 4.80 3.00
No. OE9184CG.—Push buttons. Wrought brass 3½x1¾ inches. For electric bells	7.20 4.20
No. OE 870CG.—Key plates. Wrought brass, $2\frac{1}{6}x1\frac{1}{4}$ inches. For door or cabinet locks	1.20 .60

For illustration and description of locks packed in above sets see page 404.



# C. H. HAMPTON DESIGN

CYLINDER FRONT DOOR LOCKS



BIT KEY FRONT DOOR LOCKS







Nos. 5045CH and 5045CH x 1/2



Nos. 4446CH, 4446CH x 1/2 and 4146CH



Nos. 892CH and 392CH

#### · CH HAMPTON DESIGN. OB FINISH.

Dull brass, light (old brass) polished.

No. OB5045CH.—Cylinder front door lock. Brass metal front reversible lock 5½x4 inches. Wrought brass escutcheon 10x3 inches outside; 7½x2½ inches inside. Wrought brass swivel spindle knob, 2¼ inches. Three	
oxidized German silver keysPer set	\$ 9.00
No. OB5045CHx1/2.—Cylinder front door and vestibule set. Front door lock as OB5045CH. Complete with vesti-	
bule latch 5½x4 inches, trimmed same as lock Per set	
No. OB4446CH.—Bit key front door lock. Brass metal front, reversible lock 4%x35% inches. Three wrought tum- blers, 100 key changes. One turn of the key works the dead bolt, a second turn the latch bolt. Three nickel-plated steel keys. Wrought brass escutcheon 10x3 inches outside; plate escutcheon 17xx1 inch in-	
side. Wrought brass swivel spindle knob, 21/4 inches	
No. OB4446CHx1/2 Bit key front door and vestibule set. Front door lock as OB4446CH. Complete with vestibule	
latch 3%x3% inches, trimmed same as lock Per set	6.90
No. OB4146CH.—Bit key front door lock. Iron front reversible lock 4¾x35% inches. One wrought tumbler, 36 key changes. One turn of the key works the dead bolt, a second turn the latch bolt. Three nickel-plated steel keys. Wrought steel escutcheon 10x3 inches outside; plate escutcheon 1½x1 inch inside. Wrought	
steel swivel spindle knob 21/4 inches Per set	
One set in a box.	
No. OB 892CH.—Push plates. Wrought brass 10x3 inches Per dozen	7-80
No. OB 392CH.—Push plates. Wrought steel 10x3 inches "One-half dozen in a box."	4-80

CH HAMPTON DESIGN. AB FINISH.	
Antique copper, highly polished.	
No. AB5045CH.—Cylinder front door lock. Bronze metal front reversible lock 5½x4 inches. Wrought bronze escutcheon 10x3 inches outside; 7½x2√10 inches inside. Wrought bronze swivel spindle knob, 2½ inches. Three oxidized German silver keys.  No. AB5045CHx½-Cylinder front door and vestibule set. Front door lock as AB5045CH. Complete with vesti-	9.00
bule latch 51/x4 inches, trimmed same as lock	16.80
No. AB4446CH.—Bit key front door lock. Bronze metal front reversible lock 4¾x3½ inches. Three wrought tumblers, 100 key changes. One turn of the key works the dead bolt, a second turn the latch bolt. Three nickel-plated steel keys. Wrought bronze escutcheon 10x3 inches outside; plate escutcheon 17%x1 inch inside. Wrought bronze swivel spindle knob 2¼ inches.  Per set	3.60
No. AB4446CHx1/2.—Bit key front door and vestibule set. Front door lock as AB4446CH. Complete with vesti-	3.00
bule latch 3%x3½ inches, trimmed same as lock	6.90
No. AB4146CH.—Bit key front door lock. Iron front reversible lock 434x354 inches. One wrought tumbler, 36 key changes. One turn of the key works the dead bolt, a second turn the latch bolt. Three nickel-plated steel keys. Wrought steel escutcheon 10x3 inches outside; plate escutcheon 176x1 inch inside. Wrought	
steel swivel spindle knob 2¼ inches	2.35
No. AB 892CH.—Push plates. Wrought bronze 10x3 inches	7.80
No. AB 392CH.—Push plates. Wrought steel 10x3 inches	4-80

For illustration and description of locks packed in above sets see page 404. For store door handles and locks to match above design see pages 434 and 436.

#### Master Keyed.

Locks 5045CH and 5045CHx1/2 may be master keyed with any Sargent cylinder locks at an advance list of \$7.20 per dozen cylinders.



# C. H. HAMPTON DESIGN





Nos. 1255CH & 1055CH



No. 344CH



SLIDING DOOR LOCKS



sliding door locks





TURN DOOR BELLS



Nos. 800CH and 400CH

FLUSH SASH LIFTS



Nos. 9184CH and 9144CH



Nos. 870CH and 370CH

#### CH HAMPTON DESIGN. OB FINISH.

Dull brass, light (old brass) polished.	
No. OB1255CH.—Inside set. Brass metal front, easy spring lock, $3\frac{1}{2}x3\frac{1}{4}$ inches. One nickel-plated steel ke Wrought brass escutcheons $7\frac{1}{2}x2\frac{1}{16}$ inches. Wrought brass knob $2\frac{1}{4}$ inches. Per doz No. OB1055CH.—Inside set. Same as OB1255CH, but with free action latch bolt lock. Per doz No. OB 344CH.—Inside set Wrought steel front reversible lock $3\frac{1}{2}x3\frac{1}{4}$ inches. One nickel-plated steel ke Wrought steel escutcheons $7\frac{1}{2}x2\frac{1}{16}$ inches. Wrought steel knob $2\frac{1}{4}$ inches. Per doz One-twelfth dozen in a box; five dozen in a case.	en \$ 24.00 en 21.60 ey. en 11.40
No. OB6963CH.—Sliding door set, wrought brass. Flat front for single doors. 2 cup escutcheons $7\frac{1}{8}$ x2 $\frac{7}{16}$ in. Per No. OB6964CH.—Sliding door set, wrought brass. Flat front for double doors. 4 cup escutcheons $7\frac{1}{8}$ x2 $\frac{7}{16}$ in. "No. OB6961CH.—Sliding door set, wrought steel. Flat front for single doors. 2 cup escutcheons $7\frac{1}{8}$ x2 $\frac{7}{16}$ in. "No. OB6962CH.—Sliding door set, wrought steel. Flat front for double doors. 4 cup escutcheons $7\frac{1}{8}$ x2 $\frac{7}{16}$ in. "One set in a box.	3.80 1.60 2.60
No. OB255CH.—Turn bell. Wrought brass turn 3¾x1½ in. Complete with 3-in. cast bell metal bell to match. Do No. OB250CH.—Turn bell. Wrought steel turn 3¾x1½ in. Complete with 3-in. wrought steel bell to match.  One-twelfth dozen in a box.	oz. 12.00 6.00
No. OB1887CH.—Flush sash lifts.         Wrought brass 3¾x1½ inches         Per doz           No. OB1487CH.—Flush sash lifts.         Wrought steel 3½x1½ inches         3½x1½ inches           No. OB 800CH.—Drop handles.         Wrought brass 3¾x1½ inches         "           No. OB 400CH.—Drop handles.         Wrought steel 3¾x1½ inches         "           One dozen in a box.         One dozen in a box.	en 1.80 .96 4.80 3.00
No. OB9184CH.—Push buttons. Wrought brass 3¾x15½ inches. For electric bells. Per doz No. OB9144CH.—Push buttons. Wrought steel 3¾x15½ inches. For electric bells. "  One-half dozen in a box.	en 7.20 4.20
No. OB 870CH.—Key plates. Wrought brass 17%x1 inch. For door or cabinet locks. Per doz  No. OB 370CH.—Key plates. Wrought steel 17%x1 inch. For door or cabinet locks. "  Two dozen in a box."	en 1.20 .72
CH HAMPTON DESIGN. AB FINISH.	
Antique copper, highly polished.  No. AB1255CH.—Inside set. Bronze metal front easy spring lock 3½x3¼ inches. One nickel-plated steel ke	av.
Wrought bronze escutcheons $7\frac{1}{8}$ x $2\frac{7}{16}$ inches. Wrought bronze knob $2\frac{1}{4}$ inches. Per doz No. AB1055CH.—Inside set. Same as AB1255CH, but with free action latch bolt lock	en \$ 24.00 en 21.60
Wrought steel escutcheons 71/2×2/16 inches. Wrought steel knob 21/4 inches	on 44 40
	en 11.40
No. AB6963CH.—Sliding door set, wrought bronze. No. AB6964CH.—Sliding door set, wrought bronze. No. AB6964CH.—Sliding door set, wrought steel. No. AB6962CH.—Sliding	C.
No. AB6964CH.—Sliding door set, wrought bronze. No. AB6961CH.—Sliding door set, wrought steel. No. AB6962CH.—Sliding door set, wrought steel. No. AB 255CH.—Turn bell. Wrought bronze turn 334x156 in. Complete with 3-in. cast bell metal bell to match. D No. AB 250CH.—Turn bell. Wrought steel turn 334x156 in. Complete with 3-in. wrought steel bell to match.	Set 2.30 " 3.80 " 1.60 " 2.60
No. AB6964CH.—Sliding door set, wrought bronze. No. AB6961CH.—Sliding door set, wrought steel. No. AB6962CH.—Sliding door set, wrought steel. No. AB6962CH.—Sliding door set, wrought steel. No. AB 255CH.—Turn bell. Wrought bronze turn 33/4x15/6 in. Complete with 3-in. cast bell metal bell to match. D No. AB 250CH.—Turn bell. Wrought steel turn 33/4x15/6 in. Complete with 3-in. wrought steel bell to match. One-twelfth dozen in a box.	Set 2.30 " 3.80 " 1.60 " 2.60 oz. 12.00 6.00
No. AB6964CH.—Sliding door set, wrought steel. No. AB6961CH.—Sliding door set, wrought steel. No. AB6962CH.—Sliding door set, wrought steel. No. AB 255CH.—Turn bell. Wrought bronze turn 334x156 in. Complete with 3-in. cast bell metal bell to match. D No. AB 250CH.—Turn bell. Wrought steel turn 334x156 in. Complete with 3-in. wrought steel bell to match. One-twelfth dozen in a box.  No. AB1887CH.—Flush sash lifts. Wrought bronze 334x156 inches	Set 2.30 " 3.80 " 1.60 " 2.60 oz. 12.00 6.00
No. AB6964CH.—Sliding door set, wrought bronze. No. AB6961CH.—Sliding door set, wrought steel. No. AB6962CH.—Sliding door set, wrought steel. No. AB6962CH.—Sliding door set, wrought steel. No. AB 255CH.—Turn bell. Wrought bronze turn 33/4x15/8 in. Complete with 3-in. cast bell metal bell to match. D No. AB 250CH.—Turn bell. Wrought steel turn 33/4x15/8 in. Complete with 3-in. wrought steel bell to match. One-twelfth dozen in a box.  No. AB1887CH.—Flush sash lifts. No. AB1487CH.—Flush sash lifts. Wrought bronze 33/4x15/8 inches No. AB 800CH.—Drop handles. Wrought bronze 33/4x15/8 inches No. AB 800CH.—Drop handles. Wrought bronze 33/4x15/8 inches ""	Set 2.30 " 3.80 " 1.60 " 2.60 oz. 12.00 6.00 sen 1.80 .96 4.80
No. AB6964CH.—Sliding door set, wrought bronze. No. AB6962CH.—Sliding door set, wrought steel. No. AB6962CH.—Sliding door set, wrought steel. No. AB6962CH.—Sliding door set, wrought steel. No. AB 255CH.—Turn bell. Wrought bronze turn 3¾x1½ in. Complete with 3-in. cast bell metal bell to match. D No. AB 250CH.—Turn bell. Wrought steel turn 3¾x1½ in. Complete with 3-in. wrought steel bell to match. D No. AB1887CH.—Flush sash lifts. Wrought bronze 3¾x1½ inches No. AB1487CH.—Flush sash lifts. Wrought steel 3¾x1½ inches No. AB 800CH.—Drop handles. Wrought bronze 3¾x1½ inches No. AB 400CH.—Drop handles. Wrought steel	Set 2.30 " 3.80 " 1.60 " 2.60 ooz. 12.00 6.00 sen 1.80 96 4.80 3.00
No. AB6964CH.—Sliding door set, wrought bronze. No. AB6962CH.—Sliding door set, wrought steel. No. AB6962CH.—Sliding door set, wrought steel. No. AB6962CH.—Sliding door set, wrought steel. No. AB 255CH.—Turn bell. Wrought bronze turn 3¾x1½ in. Complete with 3-in. cast bell metal bell to match. Does turn 3¾x1½ in. Complete with 3-in. wrought steel bell to match. One-twelfth dozen in a box.  No. AB1887CH.—Flush sash lifts. Wrought bronze 3¾x1½ inches No. AB1487CH.—Flush sash lifts. Wrought bronze 3¾x1½ inches No. AB 800CH.—Drop handles. Wrought steel 3¾x1½ inches No. AB 400CH.—Drop handles. Wrought steel 3¾x1½ inches No. AB 9184CH.—Push buttons. Wrought bronze 3¾x1½ inches. No. AB9184CH.—Push buttons.	Set 2.30 " 3.80 " 1.60 2.60 " 2.60 eoz. 12.00 6.00 een 1.80 96 4.80 3.00 een 7.20
No. AB6964CH.—Sliding door set, wrought bronze. No. AB6961CH.—Sliding door set, wrought steel. No. AB6962CH.—Sliding door set, wrought steel. No. AB6962CH.—Sliding door set, wrought steel. No. AB 255CH.—Turn bell. Wrought bronze turn 334x156 in. Complete with 3-in. cast bell metal bell to match. One-twelfth dozen in a box.  No. AB 250CH.—Turn bell. Wrought steel turn 334x156 in. Complete with 3-in. wrought steel bell to match. One-twelfth dozen in a box.  No. AB1887CH.—Flush sash lifts. Wrought bronze 334x156 inches. No. AB1887CH.—Flush sash lifts. Wrought steel 334x156 inches. No. AB 800CH.—Drop handles. Wrought steel 334x156 inches. No. AB 400CH.—Drop handles. Wrought steel 334x156 inches. No. AB9184CH.—Push buttons. Wrought bronze 334x156 inches. No. AB9144CH.—Push buttons. Wrought bronze 334x156 inches. For electric bells.  No. AB9144CH.—Push buttons. Wrought bronze 334x156 inches. For electric bells.  No. AB9144CH.—Push buttons. Wrought bronze 334x156 inches.  No. AB9144CH.—Push buttons. Wrought bronze 334x156 inches. For electric bells.  No. AB9144CH.—Push buttons. Wrought bronze 334x156 inches. For electric bells.  No. AB9144CH.—Push buttons. Wrought bronze 334x156 inches. For electric bells.  No. AB9144CH.—Push buttons. Wrought bronze 334x156 inches.  No. AB9144CH.—Push buttons. Wrought bronze 334x156 inches. For electric bells.  No. AB9144CH.—Push buttons. Wrought bronze 334x156 inches. For electric bells.  No. AB9144CH.—Push buttons. Wrought bronze 334x156 inches.	Set 2.30 3.80 1.60 2.60 002. 12.00 6.00 1.80 .96 4.80 3.00 2.60
No. AB6964CH.—Sliding door set, wrought bronze. No. AB6961CH.—Sliding door set, wrought steel. No. AB6962CH.—Sliding door set, wrought steel. No. AB6962CH.—Sliding door set, wrought steel. No. AB 255CH.—Turn bell. Wrought bronze turn 334x156 in. Complete with 3-in. cast bell metal bell to match. D No. AB 250CH.—Turn bell. Wrought steel turn 334x156 in. Complete with 3-in. wrought steel bell to match. D No. AB1887CH.—Flush sash lifts. No. AB1887CH.—Flush sash lifts. No. AB1487CH.—Flush sash lifts. No. AB 800CH.—Drop handles. No. AB 400CH.—Drop handles. No. AB 900CH.—Drop handles. No. AB9184CH.—Push buttons. Wrought bronze 334x156 inches One dozen in a box No. AB9184CH.—Push buttons. Wrought bronze 334x156 inches. No. AB9184CH.—Push buttons. Wrought bronze 334x156 inches. No. AB9144CH.—Push buttons. Wrought steel 334x156 inches. For electric bells. Per doz No. AB9144CH.—Push buttons. Wrought steel 334x156 inches. For electric bells.  """	2.30 3.80 1.60 2.60 2.60 2.60 2.60 12.00 6.00 2.60 4.80 3.00 2.60

For illustration and description of locks packed in above sets see Page 404.



# E. C. EDGEWOOD DESIGN

#### CYLINDER FRONT DOOR LOCKS



Nos. 5085EC and 5085ECx1/2

#### BIT KEY FRONT DOOR LOCKS



Nos. 4486EC, 4486ECx1/2 and 4186EC



Nos. 892EC and 392EC

#### EC EDGEWOOD DESIGN. AB FINISH.

#### Antique copper, highly polished.

No. AB5085EC.—Cylinder front door lock. Bronze metal front reversible lock 5½x4 inches. Wrought bronze escutcheons 10x2% inches outside; 7½x2½ inches inside. Wrought bronze swivel spindle oval knob, 2½ inches. Three oxidized German Silver keys	8.70
No. AB5085ECx½.—Cylinder front door and vestibule set. Front door lock as AB5085EC. Complete with vestibule latch 5½x4 inches, trimmed same as lock	16-20
No. AB4486EC.—Bit key front door lock. Bronze metal front reversible lock 4¾x2¾ inches. Three wrought tumblers, 100 key changes. One turn of the key works the dead bolt, a second turn the latch bolt. Three nickel plated steel keys. Wrought bronze escutcheon 10x2¾ inches outside; plate escutcheon 2¼x1 inches inside. Wrought bronze swivel spindle oval knob 2½ inches	3-20
No. AB4486ECx½.—Bit key front door and vestibule set. Front door lock as AB4486EC. Complete with vestibule latch 3%x3½ inches, trimmed same as lock	6.10
No. AB4186EC.—Bit key front door lock. Iron front reversible lock 4¾x35½ inches. One wrought tumbler, 36 key changes. One turn of the key works the dead bolt, a second turn the latch bolt. Three nickel plated steel keys. Wrought steel escutcheon 10x2½ inches outside; plate escutcheon 2½x1 in. inside. Wrought steel swivel spindle oval knob 2½ inches	2.10
One set in a box.	
No. AB892EC.—Push plates. Wrought bronze, 10x2% inches	6.60

#### One-half dozen in a box.

No. AB392EC.—Push plates. Wrought steel, 10x2% inches ......

For illustration and description of locks packed in above sets, see page 404.

#### Master Keyed.

Locks 5085EC and 5085ECx1/2 may be master keyed with any Sargent cylinder locks at an advance list of \$7.20 per dozen cylinders.



# E. C. EDGEWOOD DESIGN

INSIDE DOOR LOCKS



Nos. 1275EC, 1075EC and 374EC

SLIDING DOOR LOCKS



Cup Escutcheons used with Sliding Door Locks.

TURN DOOR BELLS



Nos. 255EC and 250EC

#### EC ELGEWOOD DESIGN. AB FINISH

Antique copper, highly polished.

No. AB1275EC.—Inside set. Bronze metal front easy spring lock 3½x3½ inches. One nickel plated steel key.  Wrought bronze escutcheons 7½x2½ inches. Wrought bronze oval knob 2½ inches Per dozen \$	00.40
No. AB1075EC.—Inside set. Same as AB1275EC, but with free action latch bolt lock	18.00
No. AB 374FC.—Inside set. Wrought steel front reversible lock 31/2×31/4 inches. One nickel plated steel key.	
Wrought steel escutcheons 71/2x27% inches. Wrought steel oval knob 21/2 inches	10.80
No. AB6963EC.—Sliding door set, wrought bronze. Flat front for single doors, 2 cup escutcheons 71/8x2 % in. Set	2.15
No. AB6964EC.—Sliding door set, wrought bronze. Flat front for double doors, 4 cup escutcheons 71/8 x2 1/5 in. "	3.45
No. AB6961EC.—Sliding door set, wrought steel. Flat front for single doors. 2 cup escutcheons 71/8×2 15 in. "	1.50
No. AB6962EC.—Sliding door set, wrought steel. Flat front for double doors. 4 cup escutcheons $7\frac{1}{8}x2\frac{3}{15}$ in. "One set in a box.	2.40
No. AB 255EC.—Turn bells. Wrought bronze turn 4x11/2 in. Complete with 3 in. cast bell metal bell to match. Doz.	12.00
No. AB 250EC.—Turn bells Wrought steel turn 4x1½ in. Complete with 3 in. wrought steel bell to match  One-twelfth dozen in a box.	6.00

For illustration and description of locks packed in above sets see page 404.

KEY PLATES

FLUSH SASH LIFTS

DROP HANDLES

PUSH BUTTONS



Nos. 870EC and 370EC



Nos. 1887EC and 1487EC



Nos. 800EC and 400EC



Nos. 9184EC and 9144EC

#### EC EDGEWOOD DESIGN. AB FINISH

Antique copper, highly polished.

No. AB 370EC.—Key plates. Wrought bronze 21/4x1 inches. For door or cabinet locks			1-20 -60
No. AB1887EC.—Flush sash lifts. Wrought bronze 4x11/2 inches	**	44	1.80
No. AB1487EC.—Flush sash lifts. Wrought steel 4x1½ inches	44	**	.96
No. AB 800EC.—Drop handles. Wrought bronze 4x1½ inches	44	**	4.80
No. AB 400EC.—Drop handles. Wrought steel 4x1½ inches.  One dozen in a box.	**	**	3.00
No. AB9184EC.—Push buttons. Wrought bronze 4x11/2 inches. For electric bells	44		7.20
No. AB9144EC.—Push buttons. Wrought steel 4x1½ inches. For electric bells	**	**	4.20

"STERUNG BRAND FOR QUAUTY STANDS"



3.60

# F. C. FAIRFAX DESIGN

#### CYLINDER FRONT DOOR LOCKS



Nos. 5085FC and 5085FCx1/2

#### BIT KEY FRONT DOOR LOCKS



Nos. 4486FC and 4486FCx1/2



No. 892FC

#### FC FAIRFAX DESIGN. OB FINISH.

#### Dull brass, light (old brass) polished.

- No. OB4486FC.—Bit key front door lock. Brass metal, reversible lock 4¾x35% in. Three wrought tumblers, 100 key changes. One turn of the key works the dead bolt, a second turn the latch bolt. Three nickel plated steel keys. Wrought brass escutcheon 10x27% in. outside; plate escutcheons 2½x1½ in. inside. Wrought brass swivel spindle oval knob 25% inches.

  Per set

#### One set in a box.

One-half dozen in a box.

For illustration and description of locks packed in above sets, see page 404.

#### Master Keyed.

Locks 5085FC and 5085FCx1/2 may be master keyed with any Sargent cylinder locks at an advance list of \$7.20 per dozen cylinders.



# F. C. FAIRFAX DESIGN



No. 1275FC and 1075FC





TURN DOOR BELLS

Cup Escutcheons used with Sliding Door Locks.

#### FC FAIRFAX DESIGN. OB FINISH.

Dull brass, light (old brass) polished.

No. OB1075FC.—Inside set. Brass metal front, free action latch bolt reversible lock 3½x3¼ inches. One nickel plated steel key. Wrought brass escutcheons 7x2¾ in. Wrought brass oval knob 2¾ inches.....Per dozen 21.60

No. OB6963FC.—Sliding door set. Wrought brass. Flat front for single doors. 2 cup escutcheons 7x2% in. Per set

No. OB6964FC.—Sliding door set. Wrought brass. Flat front for double doors. 4 cup escutcheons 7x2% in. 

3.80

No. OB6964FC.—Sliding door set. Wrought brass. Flat front for double doors. 4 cup escutcheons 7x23/8 in. "
One set in a box.

No. OB 255FC.—Turn bell. Wrought brass turn 3%x1½ in. Complete with 3 in. cast bell metal bell to match. doz. 12.00
One-twelfth dozen in a box.

For illustration and description of locks packed in above sets, see page 404.

KEY PLATES

FLUSH SASH LIFTS

DROP HANDLES











No 870FC

No. 1887FC

No. 800FC

FC FAIRFAX DESIGN. OB FINISH.

Dull brass, light (old brass) polished.

 No. OB 870FC.—Key plates. Wrought brass 2½x1½ inches. For door or cabinet locks.
 Per dozen \$ 1.20 Two dozen in a box.

 No. OB1887FC.—Flush sash lifts. Wrought brass 3½x1½ inches One dozen in a box.
 " 1.80 One dozen in a box.

 No. OB 800FC.—Drop handles. Wrought brass 3½x1½ inches One dozen in a box.
 " 4.80 One dozen in a box.

 No. OB9184FC.—Push buttons. Wrought brass 3½x1½ inches. For electric bells " 7.20 One-half dozen in a box.

"STERUNG BRAND FOR QUALITY STANDS"



# S. H. HATFIELD DESIGN

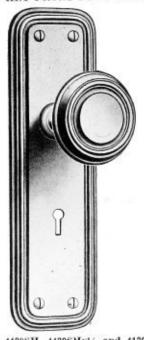
CYLINDER FRONT DOOR LOCKS

BIT KEY FRONT DOOR LOCKS

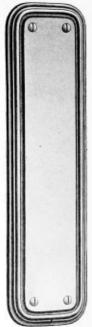
PUSH PLATES







Nos. 44398H, 44398Hx1/2 and 41398H



Nos. 8928H and 3928H

#### SH HATFIELD DESIGN. OF FINISH.

Dull brass, light, polished with depressed surface oxidized black and relieved.  No. OE5038SH.—Cylinder front door lock. Brass metal front reversible lock 5½x4 in. Wrought brass escutcheon 11x3 in. outside; 7x2½ in. inside. Wrought brass swivel spindle knob, 2½x2¼ in. Three oxidized Ger-	0.40
man Silver keys  No. OE5038SHx½.—Cylinder front door and vestibule set. Front door lock as OE5038SH. Complete with ves-	9.10
tibule latch 51/3x4 inches trimmed same as lock  No. OE4439SH.—Bit key front door lock. Brass metal front reversible lock 43/4x35/g in. Three wrought tumblers, 100 key changes. One turn of key works the dead bolt, a second turn the latch bolt. Three nickel-plated steel keys. Wrought brass escutcheon 11x3 in. outside; plate escutcheon 21/2x11/4 in. inside. Wrought	17.00
brass swivel spindle knob 2½x2¼ inches	3.40
brass swivel spindle knob 2½x2½ inches  No. OE44398Hx½.—Bit key front door and vestibule set. Front door lock as OE44398H. Complete with vestibule latch 3½x3½ in., trimmed same as lock  No. OE41398H.—Bit key front door lock. Iron front reversible lock 4¾x3½ in. One wrought tumbler, 36 key changes. One turn of the key works the dead bolt, a second turn the latch bolt. Three nickel-plated steel keys. Wrought steel escutcheon 11x3 in. outside; plate escutcheon 2½x1½ in. inside. Wrought steel swivel	6-50
spindle knob 2½x2¼ inches	2.30
No. OE 892SH.—Push plates. Wrought brass 11x3 inches. Per dozen No. OE 392SH.—Push plates. Wrought steel 11x3 inches. " One-half dozen in a box."	9.00 4.80
SH HATFIELD DESIGN. AB FINISH.	
Antique copper, highly polished,	
No. AB5038SH.—Cylinder front door lock. Bronze metal front reversible lock 5½x4 in. Wrought bronze escutcheon 11x3 in. outside: 7x2½ in. inside. Wrought bronze swivel spindle knob 2½x2¼ in. Three oxi-	
dized German Silver keys Per set  No. AB5038SHx½.—Cylinder front door and vestibule set. Front door lock as AB5038SH. Complete with vesti-	9.10
bule latch 5½x4 inches, trimmed same as lock	17.00
plated steel keys. Wrought bronze escutcheon 11x3 in. outside; plate escutcheon 2½x1¼ inches inside.  Wrought bronze swivel spindle knob 2½x2¼ inches.	3.40
Wrought bronze swivel spindle knob 2½x2¼ inches. Per set No. AB4439SHx½.—Bit key front door and vestibule set. Front door lock as AB4439SH. Complete with vesti-	
bule latch 3%x3½ inches, trimmed same as lock	6-50
swivel spindle knob 2½x2½ inches. Per set One set in a box.	2.30
No. AB892SH.—Push plates. Wrought bronze 11x3 inches	9.00 4.80

For illustration and description of locks packed in above sets, see page 404. For store door handles and locks to match above design, see page 435.

Master Keyed.

Locks 5038SH and 5038SHx1/2 may be master keyed with any Sargent cylinder locks at an advance list of \$7.20 per dozen cylinders.



# S. H. HATFIELD DESIGN





TURN DOOR BELLS





FLUSH SASH LIFTS

Nos. 1887SH and 1487SH



Nos. 9184SH and 9144SH

KEY PLATES



Nos. 870SH and 370SH

#### SH HATFIELD DESIGN. OF FINISH.

SH HATFIELD DESIGN. OE FINISH.	
Dull brass, light, polished with depressed surface oxidized black and relieved.	
No. OE344SH.—Inside set. Wrought steel front, reversible lock 3½x3¼ in. One nickel-plated steel key. Wrought	21.60 19.20 11.40
No. OE6963SH.—Sliding door set, wrought brass. Flat front for single doors. 2 cup escutcheons 7x2½ in. Per set No. OE6964SH.—Sliding door set, wrought brass. Flat front for double doors. 4 cup escutcheons 7x2½ in. " No. OE6961SH.—Sliding door set, wrought steel. Flat front for single doors. 2 cup escutcheons 7x2½ in. " No. OE6962SH.—Sliding door set, wrought steel. Flat front for double doors. 4 cup escutcheons 7x2½ in. " One set in a box.	2.25 3.65 1.70 2.80
No. OE250SH.—Turn bell. Wrought steel turn 3%x15% in. Complete with 3 in. wrought steel bell to match. "One-twelfth dozen in a box.	12.00 6.00
No. OE1887SH.—Flush sash lifts.         Wrought brass 33¼x15½ inches         Per dozen           No. OE1487SH.—Flush sash lifts.         Wrought steel 33¼x15½ inches            No. OE 800SH.—Drop handles.         Wrought brass 33½x15½ inches            No. OE 400SH.—Drop handles.         Wrought steel 35½x15½ inches            One dozen in a box.	1.92 .96 4.80 3.00
No. OE9184SH.—Push buttons. Wrought brass 3¾x1½ inches. For electric bells  No. OE9144SH.—Push buttons. Wrought steel 3½x1½ inches. For electric bells  No. OE 870SH.—Key plates. Wrought brass 2½x1¼ inches. For door or cabinet locks  No. OE 370SH.—Key plates. Wrought steel 2½x1¼ inches. For door or cabinet locks	7.20 4.56 1.20 .72
SH HATFIELD DESIGN. AB FINISH.	
No. AB344SH.—Inside set. Wrought steel front, reversible lock 31/2x31/4 inches. One nickel-plated steel key.	21.60 19.20 11.40
No. AB6963SH.—Sliding door set, wrought bronze. Flat front for single doors, 2 cup escutcheons 7x2½ in. Per set No. AB6964SH.—Sliding door set, wrought bronze. Flat front for double doors, 4 cup escutcheons 7x2½ in. No. AB6961SH.—Sliding door set, wrought steel. Flat front for single doors, 2 cup escutcheons 7x2½ in. No. AB6962SH.—Sliding door set, wrought steel. Flat front for double doors, 4 cup escutcheons 7x2½ in. One set in a box.	2.25 3.65 1.70 2.80
No. AB 250SH.—Turn bell. Wrought steel turn 33/4x1% in. Complete with 3 in. wrought steel bell to match "One-twelfth dozen in a box.	12.00 6.00
No. AB1887SH.—Flush sash lifts.         Wrought bronze 3¾x1½ inches         Per dozen           No. AB1487SH.—Flush sash lifts.         Wrought steel 8¾x1½ inches            No. AB 800SH.—Drop handles.         Wrought bronze 3¾x1½ inches            No. AB 400SH.—Drop handles.         Wrought steel 4¾x1½ inches            One dozen in a box.	1.92 .96 4.80 3.00
No. AB\$184SH.—Push buttons. Wrought bronze 3\%\x15\% inches  No. AB\$184SH.—Push buttons. Wrought steel 3\%\x15\% inches  One-half dozen in a box.	7.20 4.56
No. AB 870SH.—Key plates. Wrought bronze $2\frac{1}{2}x1\frac{1}{4}$ inches. For door or cabinet locks.  No. AB 370SH.—Key plates. Wrought steel $2\frac{1}{2}x1\frac{1}{4}$ inches. For door or cabinet locks.  Two dozen in a box.	1.20 .72

For illustration and description of locks packed in above sets, see page 404.



2.65

11.28 6.48

# T. C. TARLTON DESIGN

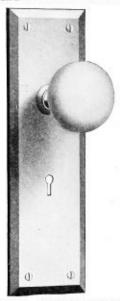




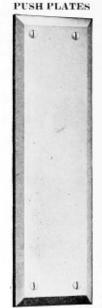
Nos. 5078TC and 5078TCx1/2

knob 21/4 inches .....

#### BIT KEY FRONT DOOR LOCKS



Nos. 4449TC, 4449TCx1/2 and 4149TC



Nos. 892TC and 392TC

#### TO TARLTON DESIGN. OB FINISH.

Dull brass, light (old brass) polished.

No. OB5078TC.—Cylinder front door lock. Brass metal front reversible lock 51/x4 in. Wrought brass escutch-	
eon 10x3 in. outside; 7x21/4 in. inside. Wrought brass swivel spindle knob 21/2x21/4 inches. Three oxidized German Silver keys. Per set \$	9.50
German Silver keys	
bule latch 5½x4 inches, trimmed same as lock	17.80
side. Wrought brass swivel spindle knob 2½ inches. Per set  No. OB4449TCx½.—Bit key front door and vestibule set. Front door lock as OB4449TC. Complete with vesti-	3-30
No. OB4449TCx½.—Bit key front door and vestibule set. Front door lock as OB4449TC. Complete with vestibule latch 3½x3½ inches, trimmed same as lock	6-30
No. OB4149TC.—Bit key front door lock. Iron front reversible lock 4\%x3\% inches One wrought tumbler, 36 key changes. One turn of the key works the dead bolt, a second turn the latch bolt. Three nickel-plated steel keys. Wrought steel escutcheon 10x3 in. outside; plate escutcheon 2x1\% in. inside. Wrought steel	0-30
swivel spindle knob 21/4 inches	2.65
No. OB892TC.—Push plates. Wrought brass 10x3 inches. Per dozen No.OB392TC.—Push plates. Wrought steel 10x3 inches. "  One-half dozen in a box.	11.28 6.48
TC TARLTON DESIGN. AB FINISH.	
Antique copper, highly polished.	
No. AB5078TC.—Cylinder front door lock. Bronze metal front reversible lock 5½x4 in. Wrought bronze escutcheon 10x3 in. outside; 7x2½ in. inside. Wrought bronze swivel spindle knob 2½x2¼ in. Three oxi-	
dized German Silver keys	9.50
bule latch 5\%x4 inches, trimmed same as lock	17.80
No. AB4449TC.—Bit key front door lock. Bronze metal front reversible lock 434x356 in. Three wrought tumblers, 100 key changes. One turn of the key works the dead bolt, a second turn the latch bolt. Three	
nickel-plated keys. Wrought bronze escutcheon 10x3 in. outside; plate escutcheon 2x1¼ in. inside. Wrought bronze swivel spindle knob 2¼ inches	3.30
No. AB4449TCx1/2Bit key front door and vestibule set. Front door lock as AB4449TC. Complete with vesti-	6.30
bule latch 3%x3½ inches, trimmed same as lock	

For illustration and description of locks packed in above sets, see page 404.

Wrought steel escutcheon 10x3 in. outside; plate escutcheon 2x11/4 in. inside. Wrought steel swivel spindle

For store door handles and locks to match above design see pages 434 and 435.

Master Keyed.

One set in a box.

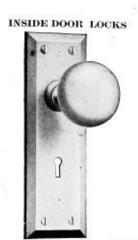
One-half dozen in a box.

Locks 5078TC and 5078TCx1/2 may be master keyed with any Sargent cylinder locks at an advance list of \$7.20 per dozen cylinders.



# T. C. TARLTON DESIGN

TURN DOOR











DROP HANDLES





Used with Nos. 1255TC, 1055TC and 354TC Sliding Door Locks Nos. 255TC and 250TC Nos. 800TC and 400TC

Nos. 870TC and 370TC

#### TC TARLTON DESIGN. OB FINISH.

#### Dull brass, light (old brass) polished.

No. OB1255TC.—Inside set. Brass metal front, easy spring lock 31/2x31/4 inches. One nickel-plated steel key	
Wrought brass escutcheons 7x21/4 inches. Wrought brass knob 21/4 inches. Per dozen  No. OB1055TC.—Inside set. Same as OB1255TC, but with free action latch bolt lock. Per dozen	3 25.20
No. OB 354TC.—Inside set. Wrought steel front reversible lock 31/x31/4 inches. One nickel-plated steel key	
Wrought steel escutcheons 7x21/4 inches. Wrought steel knob 21/4 inches. Per dozei One-twelfth dozen in a box; five dozen in a case.	
No. OB6963TC Sliding door set, wrought brass. Flat front for single doors. 2 cup escutcheons 6x2% in. Per se	2.05
No. OB6964TC Sliding door set, wrought brass. Flat front for double doors. 4 cup escutcheons 6x2% in. "	3.30
No. OB6961TC Sliding door set, wrought steel. Flat front for single doors. 2 cup escutcheons 6x23 in. "	1.65
No. OB6962TC.—Sliding door set, wrought steel. Flat front for double doors. 4 cup escutcheons 6x23 in. "One set in a box.	2.70
No. OB 255TC Turn bell. Wrought brass turn 3%x15% in. Complete with 3-in. cast bell metal bell to match. Doze	n 12.00
No. OB 250TC.—Turn bell. Wrought steel turn 334x15% in. Complete with 3-in. wrought steel bell to match. "One-twelfth dozen in a box.	6.00
No. OB1887TC.—Flush sash lifts. Wrought brass 334x156 inches	1.92
No. OB1487TC.—Flush sash lifts. Wrought steel 3%41% inches	-96
No. OB 800TC.—Drop handles. Wrought brass 334x13/g inches "	4.80
No. OB 400TC.—Drop handles. Wrought steel 33/4x15/6 inches "	3.00
One dozen in a box.	0.00
No. OB9184TC.—Push buttons. Wrought brass 33/4x15/4 inches. For electric bells	7.20
No. OB9144TC.—Push buttons. Wrought steel 33/4x15/6 inches. For electric bells	4.44
No. OB 870TC.—Key plates. Wrought brass 2 x11/4 inches. For door or cabinet locks "	-96
No. OB 370TC.—Key plates. Wrought steel 2 x11/4 inches. For door or cabinet locks	.72

#### TC TARLTON DESIGN. AB FINISH.

Antique copper, highly polished.	
No. AB1255TC.—Inside set. Bronze metal front easy spring lock 3½x3¾ inches. One nickel-plated steel key. Wrought bronze escutcheons 7x2¼ inches. Wrought bronze knob 2¼ inches. Per dozen 3 No. AB1055TC.—Inside set. Same as AB1255TC, but with free action latch bolt lock.  No. AB 354TC.—Inside set. Wrought steel front reversible lock 3½x3¾ inches. One nickel-plated steel key. Wrought steel escutcheons 7x2¼ inches. Wrought steel knob 2¼ inches.  One-twelfth dozen in a box; five dozen in a case.	\$ 25.20 22.80 14.40
No. AB6963TC.—Sliding door set, wrought bronze. Flat front for single doors. 2 cup escutcheons 6x2% in. Per set No. AB6964TC.—Sliding door set, wrought bronze. Flat front for double doors. 4 cup escutcheons 6x2% in. " No. AB6961TC.—Sliding door set, wrought steel. Flat front for single doors. 2 cup escutcheons 6x2% in. " No. AB6962TC.—Sliding door set, wrought steel. Flat front for double doors. 4 cup escutcheons 6x2% in. " One set in a box.	2.05 3.30 1.65 2.70
No. AB 255TC.—Turn bell. Wrought bronze turn 3¾x1½ in.Complete with 3-in. cast bell metal bell to match. Doz.           No. AB 250TC.—Turn bell. Wrought steel turn 3¾x1½ in. Complete with 3-in. wrought steel bell to match. "           No. AB1887TC.—Flush sash lifts.         Wrought bronze 3¾x1½ inches         Per dozen           No. AB 300TC.—Drop handles.         Wrought bronze 3¾x1½ inches         "           No. AB 400TC.—Drop handles.         Wrought steel 3¾x1½ inches         "           One dozen in a box.         One dozen in a box.	12.00 6.00 1.92 .96 4.80 3.00
No. AB9184TC.—Push buttons. Wrought bronze 3\%\x1\% inches. For electric bells	7.20 4.44
No. AB870TC.—Key plates. Wrought bronze 2x1¼ inches. For door or cabinet locks	.96 .72

For illustration and description of locks packed in above sets, see page 404.

"Sterung Brand for Quality Stands"



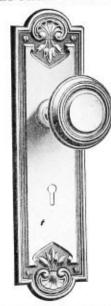
# T. E. TALCOTT DESIGN

CYLINDER FRONT DOOR LOCKS

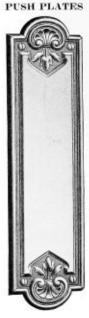




Nos. 5035TE and 5035TE x 1/2



Nos. 4426TE, 4426TE x 1/2 and 4126TE



Nos. 892TE and 392TE

#### TE TALCOTT DESIGN. OE FINISH.

Dull brass, light, polished with depressed surface oxidized black and relieved.

17.00 No. OE4426TE.—Bit key front door lock. Brass metal front reversible lock 434x35 inches. Three wrought tumblers, 100 key changes. One turn of the key works the dead bolt, a second turn the latch bolt. 3.50No. OE4426TE x 1/2.—Bit key front door and vestibule set. Front door lock as OE4426TE. Complete with vestibule latch 3%x3½ inches, trimmed same as lock......Per set 2.20 One set in a box.

7.80 4-80

No. OE 392TE.—Push plates. Wrought steel 10x2% inches........ "

One-half dozen in a box.

For illustration and description of locks packed in above sets see page 404.

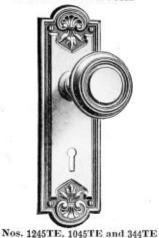
#### Master Keyed

Locks 5035TE and 5035 TEx1/2 may be master keyed with any Sargent cylinder locks at an advance list of \$7.20 per dozen cylinders.



# T. E. TALCOTT DESIGN





SLIDING DOOR LOCKS



Cup Escutcheon used with Sliding Door Locks

TURN DOOR BELLS



Nos. 255TE and 250TE

#### TE TALCOTT DESIGN. OE FINISH.

Dull brass, light, polished with depressed surface oxidized black and relieved.

No. OE1245TE.—Inside set. Brass metal front, easy spring reversible lock 3½x3¼ inches. One nickel-plated steel key. Wrought brass estcucheons, 7½x2¼ inches. Wrought brass knob, 2¼ inches. Per dozen \$	00.00
No. OE1045TE.—Inside set. Same as OE1245TE, but with free action latch bolt lock.	19.80
No. OE 344TE.—Inside set. Wrought steel front, reversible lock, 31/4x31/4 inches. One nickel-plated steel key	19-00
Wrought steel escutcheons 71/2x21/4 inches. Wrought steel knob 21/4 inches	11.40
One-twelfth dozen in a box; five dozen in a case.	
No. OE6963TE.—Sliding door set, wrought brass. Flat front for single doors. 2 cup escutcheons 71/2x21/4 in. Per set	2.40
No. OE6964TE.—Sliding door set, wrought brass. Flat front for double doors. 4 cup escutcheons 74x24 in. "	4.00
No. OE6961TE.—Sliding door set, wrought steel. Flat front for single doors. 2 cup escutcheons 71/2x21/2 in. "	1.70
No. OE6962TE.—Sliding door set, wrought steel. Flat front for double doors. 4 cup escutcheons 71/2 x21/4 in.  One set in a box.	2-80
No. OE 255TE.—Turn bell. Wrought brass turn $4\frac{1}{4}x1\frac{1}{2}$ in. Complete with 3-in. cast bell metal bell to match Doz. No. OE 250TE.—Turn bell. Wrought steel turn $4\frac{1}{4}x1\frac{1}{2}$ in. Complete with 3-in. wrought steel bell to match "	12.00 6.00
One-twelfth dozen in a box.	2018-201-0

For illustration and description of locks packed in above sets see page 404.

KEY PLATES

FLUSH SASH LIFTS

DROP HANDLES









Nos. 800TE and 400TE



Nos. 9184TE and 9144TE

Nos. 870TE and 370TE

No. 1887TE and 1487TE

#### TE TALCOTT DESIGN. OE FINISH.

Dull brass, light, polished with depressed surface oxidized black and relieved.

No. OE 870TE.—Key plates. No. OE 370TE.—Key plates.	Wrought brass 21/2x11/2 inches. For door or cabinet locks	dozen \$ 1.20 .72
No. OE1887TE.—Flush sash lifts. No. OE1487TE.—Flush sash lifts. No. OE 800TE.—Drop handles. No. OE 400TE.—Drop handles.	Wrought brass $4\frac{1}{2}x\frac{1}{2}$ inches  Wrought steel $4\frac{1}{2}x\frac{1}{2}$ inches  Wrought brass $4\frac{1}{2}x\frac{1}{2}$ inches  Wrought steel $4\frac{1}{2}x\frac{1}{2}$ inches	4-80
	One dozen in a box.	
No. OE9184TE.—Push button. No. OE9144TE.—Push button.	Wrought brass $4\frac{1}{4}x1\frac{1}{2}$ inches. For electric bellsPer Wrought steel $4\frac{1}{4}x1\frac{1}{2}$ inches. For electric bells	dozen 7.20 4.56

STERUNG BRAND FOR QUAUTY STANDS"



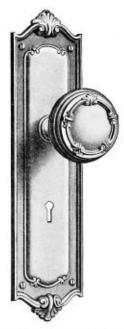
# V. F. VERNON DESIGN

#### CYLINDER FRONT DOOR LOCKS





Nos. 5075VF and 5075VF x 1/2



Nos. 4476VF and 4476VF x 1/2



No. 892VF

#### VF VERNON DESIGN. OE FINISH.

Oxidized brass with center panel and the raised or ornamental surfaces, bushings, cylinders, thumb knobs and backs of knobs polished or buffed. Cast brass.

One set in a box.

One-half dozen in a box.

For illustration and description of locks packed in above sets, see page 404.

For store door handles and locks to match above design see page 435.

#### Master Keyed

Locks 5075VF and 5075VF x 1/2 may be master keyed with any Sargent cylinder locks at an advance Hst of \$7.20 per dozen cylinders.



# V. F. VERNON DESIGN

#### INSIDE DOOR LOCKS



Nos. 1265VF and 1065VF

#### SLIDING DOOR LOCKS



Cup Escutcheon Used with Sliding Door Locks

#### PUSH BUTTONS



No. 9184VF KEY PLATES



No. 870VI

#### VF VERNON DESIGN. OE FINISH.

Oxidized brass with center panel and the raised or ornamental surfaces bushings, cylinders, thumb knobs and backs of knobs polished or buffed. Cast brass.

No. OE1265VF.—Inside set. Brass metal front easy spring reversible lock 3½x3¼ inches. One nickel-plated steel key. Cast brass escutcheons 7½x2½ inches. Cast brass knob 2¼ inches. Per dozen \$ 34.80 One-twelfth dozen in a box; five dozen in a case.

For illustration and description of locks packed in above sets, see page 404.

FLUSH SASH LIFTS

#### LETTER BOX PLATES

DROP HANDLES







No. 1887VF

No. 258VF

No. 800VF

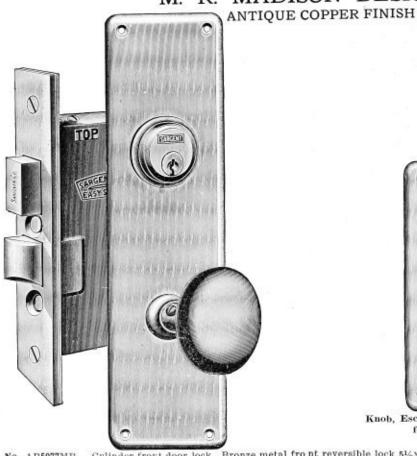
#### VF VERNON DESIGN. OE FINISH.

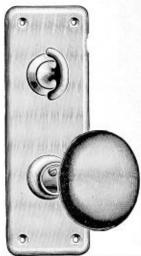
Oxidized brass with center panel and the raised or ornamental surfaces, polished or buffed.

STERUNG BRAND FOR QUALITY STANDS"



# M. R. MADISON DESIGN





Knob, Escutcheon and Thumb Knob for Inside of Door

No. AB5077MR.—Cylinder front door lock. Bronze metal front reversible lock 51/2x4 inches. Wrought bronze escut-Per set \$ 9.25

.Per set 17.25 tibule latch 51/2x4 inches, trimmed same as lock......





No. AB3053MR.—Heavy inside set. Bronze metal front easy spring reversible lock 41/4x33/4 inches. One nickel-plated steel key. Wrought bronze escutcheons 53/4x1% inches. Wrought bronze knob 21/4 inches....Per set \$ 2.30

3.30 or left hand door. In ordering be sure to specify hand ...

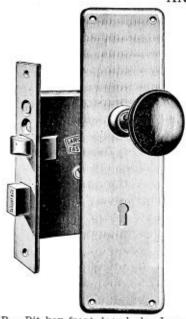
One set in a box. For illustration and description of locks packed in above sets see page 404. For store door handles and locks to match above design see pages 433, 436 and 437.

Master Keyed Locks 5077MR and 5077MR x 1/2 may be master keyed with any Sargent cylinder locks at an advance list of \$7.20 per dozen cylinders.



# M. R. MADISON DESIGN

ANTIQUE COPPER FINISH FRONT DOOR LOCKS



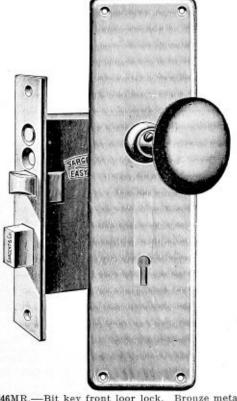


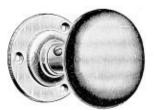
For Inside of Doors. Knob with Round Rose.



For Inside of Front Doors. Key Plate

No. AB4126MR.—Bit key front door lock. Iron front reversible lock 434x358 inches. One wrought tumbler, 36 key changes. One turn of the key works the dead bolt, a second turn the latch bolt. Three nickel-plated steel keys. Wrought steel escutcheon 712x214 inches outside; plate escutcheon 2x148 inches inside. Wrought steel swivel spindle knob 2144 inches.—Per set \$ 2.00





For Inside of Doors. Knob with Round Rose.



For Inside of Front Doors. Key Plate

No. AB4346MR.—Bit key front loor lock. Bronze metal front reversible lock 43/4x35/8 inches. One wrought tumbler, 36 key changes. One turn of the key works the dead bolt, a second turn the latch bolt. Three nickel-plated steel keys. Wrought bronze escutcheon 71/2x21/4 in. outside; key plate 2x11/8 inches inside. Wrought bronze swivel spindle knob 21/4 inches

bronze swivel spindle knob 2¼ inches.

No. AB449MR.—Bit key front door lock. Bronze metal front reversible lock 4¾x3½ inches. Three wrought tumblers, 100 key changes. One turn of the key works the dead bolt, a second turn the latch bolt. Three nickel-plated steel keys. Wrought bronze escutcheon 10x2¾ inches outside; key plate 2x1½ inches inside.

Wrought bronze swivel spindle knob 2¼ inches.

One set in a box.

Per set

For illustration and description of locks packed in above sets see page 404. For store door handles and locks to match above design see pages 433, 436 and 437.

"STERUNG BRAND FOR QUALITY STANDS"

2.65

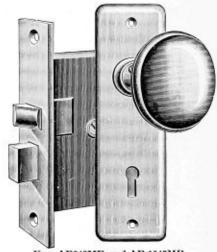


# M. R. MADISON DESIGN

#### ANTIQUE COPPER FINISH

#### INSIDE DOOR LOCKS





Nos. AB342MR and AB 1043MR

No. AB 302MR.—Inside set. Antique copper finish. Wrought steel front reversible lock 3½x3¼ inches. Bronze plated bolts. One nickel-plated steel key. Wrought steel escutcheons 5¾x1½ inches. Ebony knob, 2¼ inches. Per dozen \$ 8.40

No. AB 342MR.—Inside set. Antique copper finish. Wrought steel front reversible lock 3½x3¼ inches. Bronzeplated bolts. One nickel-plated steel key. Wrought steel escutcheons 5¾x1½ inches. Wrought steel knob 2¼ inches. Per dozen 1

No. AB1043MR.—Inside set. Antique copper finish. Cast bronze front reversible lock  $3\frac{1}{2}x3\frac{1}{4}$  inches. Bronze metal bolts. One nickel-plated steel key. Wrought bronze escutcheons  $5\frac{3}{4}x1\frac{7}{6}$  inches. Wrought bronze knob  $2\frac{1}{4}$  inches.

Per dozen 16.80

One-twelfth dozen in a box; five dozen in a case.

#### SLIDING DOOR LOCKS



For Single Doors Requires 2 Cup Escutcheons Style of 6961



No. AB324 Cup Escutcheons used with Sliding Door Locks



Box Strike. For Double Doors Requires 4 Cup Escutcheons Style of 6962

No. AB6962 x AB324MR.—Sliding door set, wrought steel. Flat front for double doors. 4 cup escutcheons 4x2 in.

Per set ......

One set in a box.

For illustration and description of locks packed in above sets see page 404.

### TERLINGT

# M. R. MADISON DESIGN

PUSH PLATES

n incommon 🔾

DOOR PULLS ON PLATES



PUSH PLATES

PULL PLATES



Nos. AB847P & OB847

Nos. AB857P & OB857

Wrought bronze plates. Antique copper finish. 41/4x 13% inches. Packed with screws.
No. AB847P.—Lettered "Push" Per dozen \$ 3.60
No. AB857P.—Lettered "Pull" " 3.60 Wrought brass plates. Old brass finish. 41/4x13/8 inches. Packed with screws. No. OB847. --Lettered "Push" No. OB857. —Lettered "Push" ...... Per dozen \$ 3.60

#### PUSH BUTTONS

One dozen in a box.



Nos. AB9161P & OB9161 Diam. 23% in.

Nos. 9184MR & 9144MR Size 4x23/8 in.

Per dozen

3.00

#### Electric Push Buttons. No. AB9161P.-Wrought bronze, ant. cop. finish \$ 2.65

No. OB9161. —Wrought brass, old brass finish... One-half dozen in a box. Per dozen No. AB9184MR.—Wrought bronze, ant. cop. finish \$ 5.65 No. AB9144MR.—Wrought steel, ant. cop. finish 3.00 No. OB9184MR.—Wrought brass, old brass finish No. OB9144MR.—Wrought steel, old brass finish. 5.65

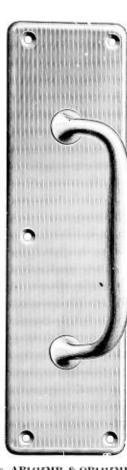
One-sixth dozen in a box.

#### FLUSH SASH LIFTS



Flush sash lifts packed with screws.

	Per	dozen
No. AB1887MR Wrought bronze, ant. cop	. finish	\$ 1.35
No. AB1487MR Wrought steel, ant. cop.	finish	1.00
No. DA1487MR Wrought steel, ant. cop.	finish	-85
No. OB1887MR Wrought brass, old brass	finish	1.35
No. OB1487MR Wrought steel, old brass	finish	1.00
No. OT1487MR Wrought steel, old brass	finish	.85
One dozen in a box.		0,000



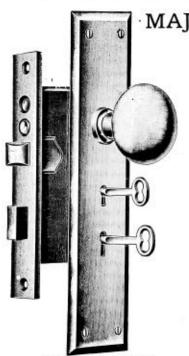
Nos. 892MR & 392MR Nos. AB1415MR & OB1415MR Wrought bronze push plates. Antique copper finish. No. AB 892MR.—Inches . . . . . 10x2¾ Per dozen . . . . \$11.10 14.80 Wrought brass push plates. Old brass finish. No. OB 892MR.—Inches ...... 10x23/4 12x3 Per dozen ..... \$11.10 14
Wrought steel push plates. Antique copper finish. 14.80 No. AB 392MR.—Inches ...... 10x23/4 12x3 Per dozen ..... \$3.85 Wrought steel push plates. Old brass finish. 5.40 No. OB 392MR.—Inches ...... 10x23/4 12x3 Packed with screws. One-third dozen in a box.

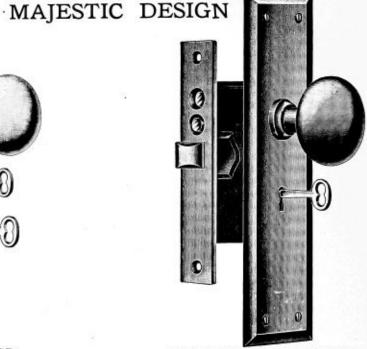
#### CABINET ESCUTCHEONS



Wrought steel cabinet escutcheons or key plates. 2x 11/8 in. Packed with screws. For door or cabinet locks. No. AB370MR.—Antique copper finish Per dozen \$ .50 No. OB370MR .- Old brass finish ... Two dozen in a box.

"STERUNG BRAND FOR QUALITY STANDS"

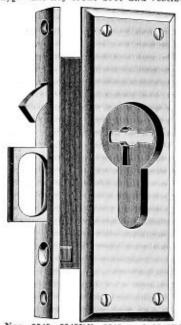


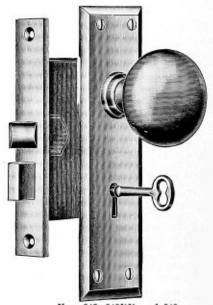


Nos. 1543 and 1543DB Latch in Sets 1543x1/2 and 1543DBx1/2 2.25 -Bit key front door and vestibule set. Antique copper finish. Front door lock as 1543. Complete with vestibule latch 4x35% inches, trimmed same as lock.

No. 1543DBx½.—Bit key front door and vestibule set. Dull brass finish. Otherwise same as 1543x½... Per set 4.25

One set in a box.





Nos. 2543, 2543DB, 3543 and 3543DB Nos. 545, 545DB and 543 ..... Per set \$ 1.65 1.65 2.70 2.70 cutcheons 7x2½ in. With wrought bronze knob 2½ in. One nickel-plated gun metal key Per dozen

18.00

No. 545DB.—Inside set. Dull brass finish. Otherwise same as 545 Per dozen

No. 543.—Inside set. Antique copper finish. Lock 3¾x3½ in. With wrought steel front. Wrought steel escutcheons 7x2½ in. Wrought steel knob 2½ in. One nickel-plated gun metal key Per dozen

One likel-plated gun metal key Per dozen

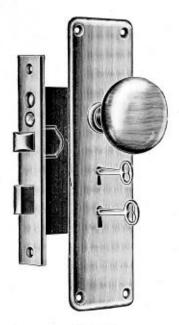
One likel-plated gun metal key Per dozen

One likel-plated gun metal key Per dozen One-twelfth dozen in a box; six dozen in a case.

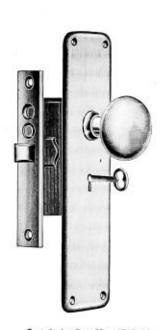
For store door handles or locks to match above design, see pages 434 and 435.



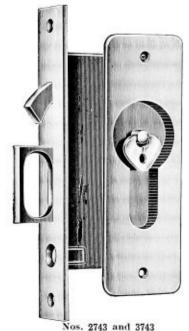
### CONCORD DESIGN







Latch in Set No. 1743x1/2



No. 1743.—Bit key front door lock. Antique copper finish. Heavy cast plain plated front lock. Japanned case 5x35% inches. Easy closing latch bolt. One wrought steel rack tumbler, 24 key changes. Three solid gun metal nickel-plated keys. Wrought bronze escutcheou 10x23/4 in. outside; 8x21/4 in. inside. Wrought bronze swivel spindle knob 21/4 inches .... Per set \$ 2.00 No. 1743x1/2.—Bit key front door and vestibule set. Front door lock as 1743. Complete with vestibule latch 4x

35% inches, trimmed same as lock ...... Per set

One set in a box.

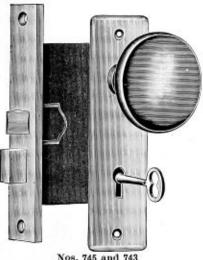
No. 2743.—Sliding door set, cast iron. Antique copper finish. Flat front for single doors. 2 cup escutcheons 6x2 inches. Adjustable key ...

No. 3743.—Sliding door set, cast iron. Antique copper finish. Flat front for double doors. 4 cup escutcheons

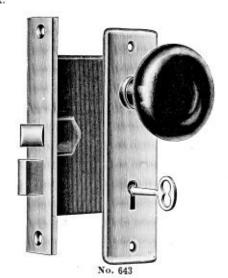
6x2 inches. Adjustable key Per set One set in a box.

1.50 2.25

3.75



Nos. 745 and 743



No. 745.—Inside set. Antique copper finish. Lock 3¾x3¼ inches. With wrought bronze front. Wrought bronze escutcheons 5¾x2 inches. Wrought bronze knob 2¼ inches. One nickel-plated gun metal key. Per dozen \$ 15.75

No. 743.—Inside set. Antique copper finish. Lock 3¾x3¾ inches, with wrought steel front. Wrought steel escutcheons 5½x1¾ inches. Wrought steel knob 2¼ inches. One nickel-plated gun metal key..... Per dozen

No. 643.—Inside set. Antique copper finish, with jet knob. Lock 3¾x3¼ in., with wrought steel front. Wrought steel escutcheons 5½x1¾ inches. Jet knob 2¼ inches. One nickel-plated gun metal key............ Per dozen

5.25

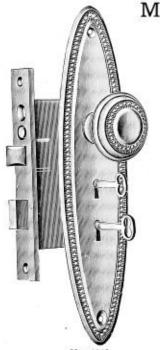
One-twelfth dozen in a box; six dozen in a case.

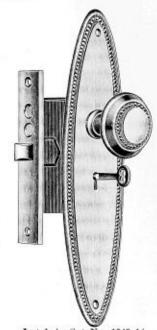
For store door handles and locks to match above design, see pages 433, 436 and 437.

"STERUNG BRAND FOR QUALITY STANDS"





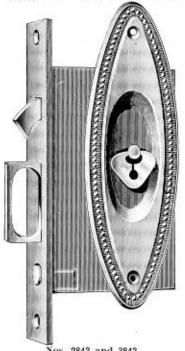


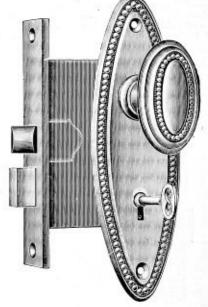


Latch in Set No. 1843x1/2 No. 1843 843.—Bit key front door lock. Antique copper finish. Heavy cast plain plated front lock. Japanned case 5x3% inches. Easy closing latch bolt. One wrought steel rack tumbler, 24 key changes. Three solid gun metal nickel-plated keys. Wrought bronze escutcheon 11½x3 inches outside; 7x2% inches inside. Wrought No. 1843.—Bit key front door lock.

No. 1843x1/2—Bit key front door and vestibule set. Front door lock as 1843. Complete with vestibule latch 4x3% inches, trimmed same as lock .....

bronze swivel spindle round knob 21/4 inches . One set in a box.





17.00

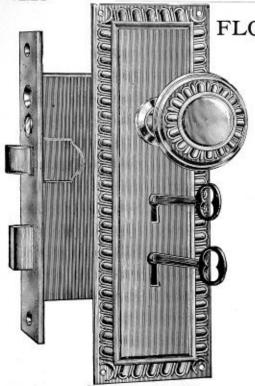
6.75

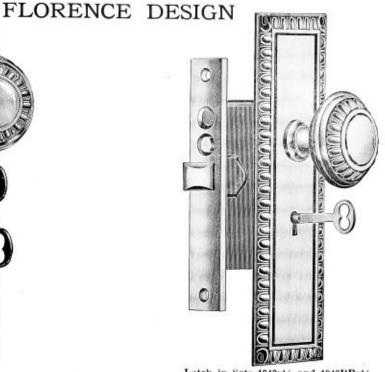
Nos. 2843 and 3843 Nos. 845 and 843 No. 2843 .- Sliding door set, wrought steel. Antique copper finish. Heavy cast plated flat front for single doors. 2 wrought cup escutcheons 7x2% inches. Adjustable key ... Per set \$ 1.50

45.—Inside set. Antique copper finish. Lock 3¾x3¼ inches. With wrought bronze front. Wrought bronze escutcheons 7x2¾ in. Wrought bronze oval knob 2⅓x1⅙ in. One nickel-plated gun metal key. Per dozen 43.—Inside set. Antique copper finish. Lock 3¾x3¼ inches. With wrought steel front. Wrought steel escutcheons 7x2¾ inches. Wrought steel oval knob 2⅓x1⅙ in. One nickel-plated gun metal key. Per doz.

One-twelfth dozen in a box; six dozen in a case. No. 845.—Inside set. No. 843.—Inside set.







Nos. 1943 and 1943DB

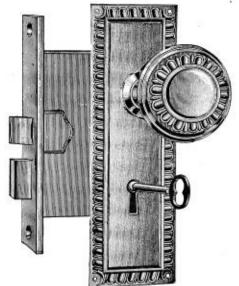
Latch in Sets 1943x1/2 and 1943DBx1/2

No. 1943.—Bit key front door lock. Antique copper finish. Heavy cast plain plated front lock. Japanned case 5x 35% in. Easy latch bolt. One rack tumbler, 24 changes. Three nickel-plated keys. Wrought bronze escutcheon 85%x23% in. outside; 61/2x21/4 in. inside. Wrought bronze swivel spindle knob 21/4 inches. Per set \$ 2.25
No. 1943DB.—Bit key front door lock. Dull brass finish. Otherwise same as 1943 Per set 2.25
No. 1943x1/2.—Bit key front door and vestibule set. Antique copper finish. Front door lock as 1943. Complete 3.75 3.75

One set in a box.

O

Nos. 2943, 2943DB, 3943 and 3943DB



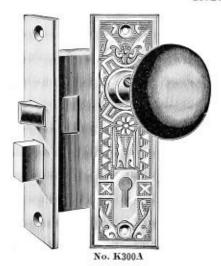
Nos. 945, 945DB and 943

One-twelfth dozen in a box; six dozen in a case. For store door handles and locks to match above design, see page 436.

## BRONZE PLATED LOCK SETS

No. 3 FINISH

#### INSIDE DOOR LOCKS





No. K340A.—Inside set. No.3 finish. Wrought steel front reversible lock 3½x3¼ inches. Bronze plated bolts.

One nickel-plated steel key. Wrought steel escutcheons 5½x1½ inches. Wrought steel knob 2¼ in.

Per dozen 10.20

One-twelfth dozen in a box; five dozen in a case.

#### FRONT DOOR LOCKS





For Inside of Door Knob with round Rose

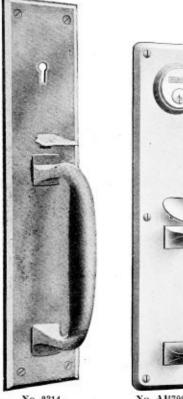


For Inside of Front Door Key Plate

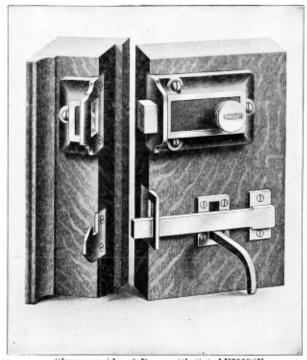
No. K4023A.—Front door lock. Cast front easy spring reversible lock 4¾x3½ inches. Bronze-plated bolts. One nickel-plated steel key for lock bolt; two for night latch. Wrought steel escutcheon 7x1⅓ inches outside; key plate 1½x1 inch inside. Wrought steel swivel spindle knob 2¼ inches........Per set \$ 1.80

One set in a box.









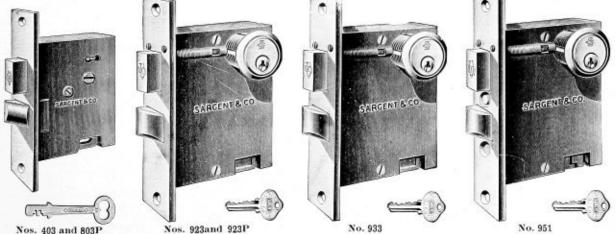
Shows inside of Door with Set AB7900SB.

No. 8314.—Extra heavy store door handle and lock. Especially adapted for mill and factory doors. Ivory black finish. Complete with plates, thumb pieces, heavy grips for both sides of door. With beveled bronze front lock. Not reversible. Specify whether right or left hand is wanted. Size of plate 15%x3½ in. 

No. AB7900SB.—Store door handle with cylinder rim lock. Antique copper finish. Wrought bronze. With cylinder, plate, thumb piece and grip for outside of door and lift latch for inside. Size of plate 12x3 in. Cylinder rim lock finished to match handle and reversible for right or left hand. Suitable for doors One set in a box.

Master Keyed Set AB7900SB may be master keyed with any Sargent Cylinder Locks at an advance list of \$ .90 per set.

#### LOCKS USED IN STORE DOOR SETS



Nos. 403 and 803P

Packed with sets AB7403TG, AB7403SB, AB3403, K3403 and K6403A, illustrated on page 437. No. 403. -Flat front.

No. 803P.—Flat front.
No. 923. —Flat front.
No. 923P.—Flat front.

No. 933. —Adjustable front. Packed with sets OE7933AG, OE7933VF and OE7933SD, illustrated on page 435.

No. 951. —Adjustable front. Packed with sets OB3751HB, OB3651CH, OB2951 and OB3351, illustrated on page 434. For detailed description of these locks see pages 434 to 437.

"STERUNG BRAND FOR QUALITY STANDS"



## DOOR HANDLES WITH CYLINDER LOCKS

#### FOR FINE RESIDENCES AND STORE DOORS













No. OB3651CH



No. OB2951



No. OB3351

One set in a box.

#### DESCRIPTION OF LOCK

Lock number 951 packed with all above handles. Japanned case 5½x35½ inches, 1½ inch thick. Distance from face to center of cylinder 2¾ inches. For doors 2 to 2¾ inches thick. Cast brass front 7½x1½ inches, adjustable and can be beveled at any angle from flat to ½-inch in 2 inches. Easy spring, heavy brass bolts. Both bolts are operated from the outside by the key; dead bolt operated from inside by thumb knob; latch bolt operated from both sides by thumb pieces. The outside thumb piece is set by the stop in face of lock. With three oxidized German silver keys. For illustration see Page 433.

Not reversible. In ordering, specify whether right or left hand is wanted.

#### Master Keyed.

Above sets may be master keyed with any Sargent cylinder locks at an advance list of \$1.80 per set.

"STERUNG BRAND FOR QUALITY STANDS"







No. OE7933VF



No. OE7933SD



Nos. OB7923TC and and AB7923TC

No.	OE7933AG.—Cylinder store door handle and lock. OE Finish. Cast brass. Complete with cylinders, plates,	
	thumb pieces and grips for both sides of door. Packed with lock 933. Size of plate 181/4x33/4 in.	
	Complete with screws	24.40
No.	OE7933VF Cylinder store door handle and lock. OE Finish. Cast brass. Complete with cylinders, plates,	
	thumb pieces, and grips for both sides of door. Packed with lock 933. Size of plate 16x3 inches.	
		19.60
No.	OE7933SD.—Cylinder store door handle and lock. OE Finish. Cast brass. Complete with cylinders, plates,	
	thumb pieces, and grips for both sides of door. Packed with lock 933. Size of plate 15x31/2 in.	
	Complete with screws	22-80
No.	OB7923TC Cylinder store door handle and lock. OB Finish. Wrought brass. Complete with cylinders,	
	plates, thumb pieces, and grips for both sides of door. Packed with lock 923, described on page	
	436 and illustrated on page 433. Size of plate 141/2x31/8 inches. Complete with screws. Per set	17.80
No.	AB7923TC Cylinder store door handle and lock. AB finish. Wrought bronze. Complete with cylinders,	
	plates, thumb pieces and grips for both sides of door. Packed with lock 923P, described on	
	page 436 and illustrated on page 433. Sizeof plate 14½x3½ inches. Complete with screws.	
		17.80
	One set in a box.	11111

#### DESCRIPTION OF LOCKS.

Lock number 933. Japanned case 51/4x35/8 inches, 1/10 inches thick. Distance from face to center of cylinder, 23/4 inches. For doors 2 to 23/4 inches thick. Cast brass adjustable bevel front, 13/4x71/2 inches. Easy spring, heavy brass bolts. Dead bolt operated from both sides by key; latch bolt is operated from both sides by thumb pieces. Latch bolt can be stopped back by an extra turn of the key. With three oxidized German silver keys. Reversible for right or left hand doors. For illustration see page 433.

#### FINISH ON ABOVE HANDLES AND LOCKS.

- OE Finish .- Oxidized brass with center panels sanded and the raised or ornamental surfaces, cylinders, thumb pieces and grips polished or buffed.

  OB Finish.—Dull brass, light (old brass) polished.

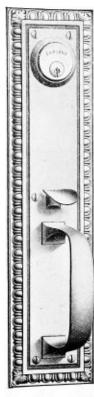
  AB Finish.—Antique copper, highly polished.

#### Master Keyed.

Above sets may be master keyed with any Sargent cylinder locks at an advance list of \$1.80 per set.











Nos. OB7923CH and AB7923CH Nos. AB7923CG and OE7923CG

No. AB79238B

No. AB7903CG

- No. AB7923CH.—Cylinder store door handle and lock. AB Finish. Wrought bronze. Complete with cylinders, plates, thumb pieces and grips for both sides of door. Packed with lock 923P. Size of plate 141/2x31/4 inches.

  Complete with screws.—Per set 17:
- No. OE7923CG.—Cylinder store door handle and lock. OE Finish. Wrought brass. Complete with cylinders, plates, thumb pieces and grips for both sides of door. Packed with lock 923. Size of plate 13x31/8 inches. Complete with screws

  Per set 17.40
- No. AB7923SB.—Cylinder store door handle and lock. AB Finish. Wrought bronze. Complete with cylinders, plates, thumb pieces and grips, for both sides of door. Packed with lock 923P. Size of plate 12x3 inches. Complete with screws.

  Per set 15.20

# One set in a box. DESCRIPTION OF LOCKS

Lock number 923P. Japanned case  $5\frac{1}{8}x3\frac{1}{4}$  inches,  $\frac{7}{8}$ -inch thick. Distance from face to center of cylinder  $2\frac{3}{4}$  inches for doors  $1\frac{3}{4}$  to  $2\frac{1}{4}$  inches. Cast bronze front,  $7\frac{1}{16}x1\frac{1}{16}$  inches. Easy spring cast bronze bolts. Dead bolt operated from both sides by key; latch bolt is operated from both sides by thumb pieces. With three oxidized German silver keys: Reversible for right or left hand doors.

Lock number 923. Same general description as 923P, but with cast brass front and bolts. For illustration of locks, see page 433.

Can also be furnished for doors thicker than 21/4 inches when so ordered-by shipping from factory direct.

#### FINISH ON ABOVE HANDLES AND LOCKS.

- OE Finish.—Oxidized brass with center panels sanded and the raised or ornamental surfaces, cylinders, thumb pieces and grips polished or buffed.
- OB Finish.-Dull brass, light (old brass), polished.
- AB Finish .- Antique copper, highly polished.

#### Master Keyed.

Above sets (except AB7903CG) may be master keyed with any Sargent cylinder locks at an advance list of \$1.80 per set.











No. AB7403TG

Nos. AB7903SB and AB7403SB

Nos. AB3403 and K3403

No. K6403A

- No. AB7403TG.—Store door handle and lock. Antique copper finish. Cast iron Complete with plates, thumb pieces and grips for both sides of door. Packed with lock 403. Size of plate 15x3 inches. Complete with screws.

  Per set \$ 5.40

One set in a box.

#### DESCRIPTION OF LOCKS.

Lock number 403. Japanned case 41/4x3 inches, 3/4-inch thick. Distance from face to center of keyhole, 2 % inches. Iron front, 63/4x11/8 inches. Easy spring, bronze bolts. 4 tumblers, 48 key changes. With 2 nickel-plated flat steel keys. Reversible for right or left hand doors.

Lock number 803P. Same general description as 403, but with bronze front and bolts.

For illustration of locks see page 433.

"STERUNG BRAND FOR QUALITY STAINDS"

# STORE DOOR HANDLES



No. 7.—Cast iron. Japanned. Plate 10x2½ inches. For doors 1¾ to 2½ inches thick. Put on with nuts. Either right or left hand,....Per dozen \$ 11.00 One-fourth dozen in a box.



### THUMB LATCHES





Wrought steel. Handle 63/4 inches long.	Packed	with
screws.  No. 1250J. —JapannedPer  No. 1250D2.—Antique copper	dozen "	\$ 1.60 4.00
One dozen in a box.		



ORION. EACH LATCH COMPLETE IN CARTON.

Orion.—Cast iron, bronzed. Handle 6½ inches long.

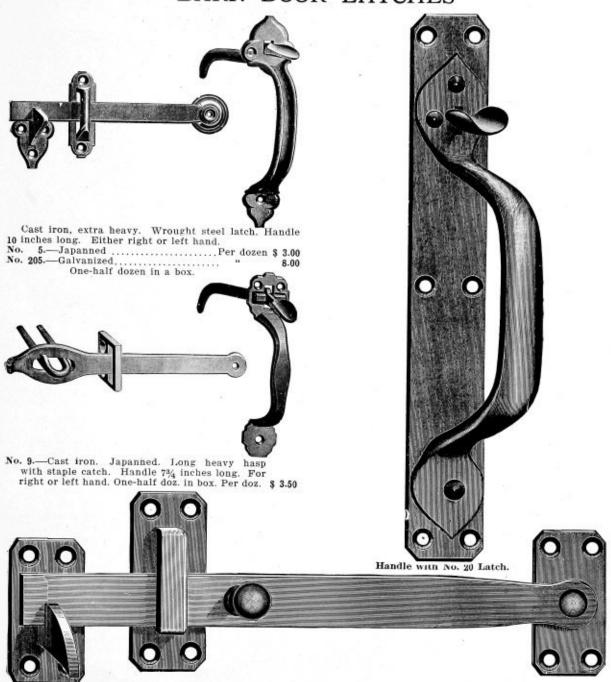
Each in separate carton, complete with screws.

Per dozen .

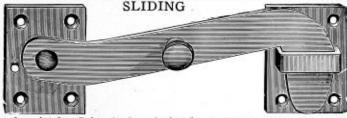




## BARN DOOR LATCHES



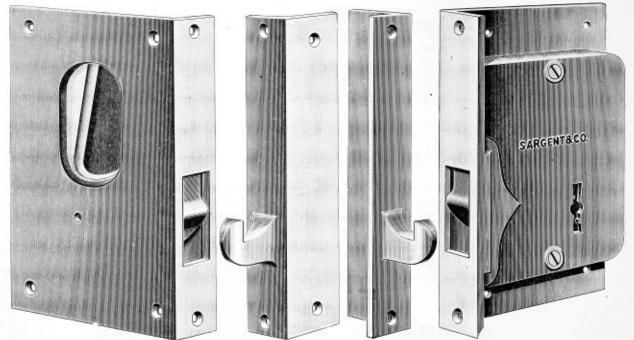
No. 20. —rieavy wrought thumb latch on plate. Japanned. Plate 11½x2½ inches; handle 1x½ inch full oval; latch 12½x1¼x½ inches. For mill, factory or barn use. Packed with screws. Per dozen \$ 42.00 One-sixth dozen in a box.



12.00



# STABLE SLIDING DOOR LOCKS



Exterior of lock. Opened with the lever from the inside of the door.

Interior of lock. Opened with the key from the out side of the door.

Half size cut.



One-twelfth dozen in a box.

JAPANNED DOOR PULLS



One dozen in a box.

"STERUNG BRAND FOR QUALITY STANDS"



### LETTER BOX PLATES

#### Measurements.

Outside Plate, 2x61/2 in. with Opening, 3/8x41/8 in. Inside Plate. 2x51/2 in.





Miniature of Inside Plate.

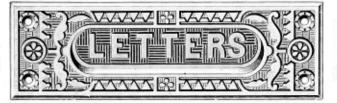
No. T546A.—Tuscan bronzed. No. T556A .- Tuscan bronzed. With inside plate

Cast iron. inside plate ... No

One-sixth dozen in a box.

#### Measurements.

Outside Plate, 21/4 x73/8 in. with Opening,  $1\frac{1}{8}x4\frac{1}{2}$  in. Inside Plate, 21/4x63/4 in.





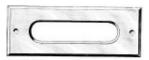
Miniature of Inside Plate.

Cast iron. Packed with screws to match. No. T256A.—Tuscan bronzed. With inside plate Po No. K256A.—Tokio bronzed. With inside plate. No. 3 finish One-sixth dozen in a box.

Measurements.

Outside Plate, 21/2x63/4 in. with Opening, 1x4% in. Inside Plate, 21/2x63/4 in.





Miniature of Inside Plate.

Wrought steel. Packed with screws to match.

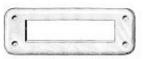
No. AB2256.—Antique copper finish, highly polished. With inside plate Per dozen \$ 13.80

No. OB2256.—Old brass finish, polished. With inside plate 13.80 One-sixth dozen in a box.

Measurements.

Outside Plate, 21/2x7 in. with Opening, 11/8 x 43/4 in. Inside Plate, 21/2x7 in.





Miniature of Inside Plate.

Cast iron. With machine screws for outside plate and wood screws for inside plate.

No. AB256M.—Antique copper finish, highly polished. With inside plate Per dozen \$ 15.30

No. OB256M.—Old brass finish, polished. With inside plate 15.30

One-sixth dozen in a box.



Cast iron. With machine screws for outside plate. Size of plate 4x11 inches, with an opening 2x8 inches. Opening large enough for magazines, papers, etc. One-twelfth dozen in a box. No. 366.—Berlin bronzed. No inside plate.....

### HOUSE LETTER BOXES









No. 100.—Japanned sheet steel. 10½ inches high; 5¾ inches wide and 2½ inches deep. The letter receiving slot at the top of box is so constructed that mail deposited in the box cannot be removed without unlock-ing the box. This slot is protected by an extra hinged cover bearing the words "Letters". Hinged door at bottom for removing mail. For use with padlock. Openings in front to permit view of contents ................ Per dozen \$ 4.00

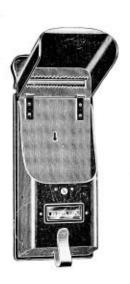
One-twelfth dozen in a carton.

Japanned sheet steel. 10½ inches high; 5¼ inches wide and 2¼ inches deep. Hinged at top and fitted with secure lock having two flat keys. With glass panel in front permitting view of contents and having clip for holding name card. Hinged cover stamped "Letters" protects mail slot. Box so constructed that after mail is deposited it cannot be removed except by unlocking the box. With wire double spring clip for holding papers, magazines, etc.

No. 200. — Japanned ...... Per No. 200C.—Antique copper finish ..... " No. 200B .- Old brass finish .....

One-twelfth dozen in a carton.









Cold rolled 24 gauge polished sheet steel. 12 inches high; 5% inches wide and 2% inches deep. Hinged front fitted with secure lock having two flat steel keys. Construction of receiving slot at top prevents removal of mail without unlocking box. With glass panel in front which permits view of contents and also furnishes space for name card. With spring clip at bottom for holding papers, etc.

...... Per dozen \$ 12.00

One-twelfth dozen in a carton.

Corbin. Heavy cold rolled sheet steel. 101/2 inches high; 51/2 inches wide and 21/4 inches deep. Hinged door fitted with secure lever lock and two flat steel nickelplated keys. Glass panel in front permits view of contents and has clip for holding name card. Hinged cover stamped "Letters" protects slot. With spring clip attachment at bottom for holding papers, etc. No. 2.—Dead black enameled .... Per dozen \$ 24.00 No. 4.—Antique copper finish, polished " 30.00

No. 4 .- Antique copper finish, polished One-twelfth dozen in a carton.

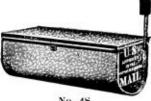




### RURAL MAIL BOXES



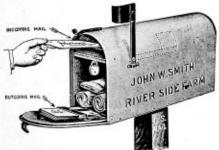
Shows Self-Closing Door on 2S



No. 2S.—Carrier's Friend. 19 in. long. 6 in. wide and 8 in. deep. Made of No. 22 galvanized steel, aluminum finished. With drop letter slot. Door hinged at bottom and equipped with a strong spring, to keep it constantly closed. Cannot carelessly be left open or blown open by the wind and makes the box positively weatherproof. With flag signal painted red, easily adjusted and can be seen from any direction. Fitted with money trap for stamp use and equipped with strong steel padlock hasp. Without padlock. Per dozen

No. 48.—Palmer's. 19 inches long. 6 inches wide and 6 inches deep. Made of No. 20 galvanized steel. Lid or cover of one piece of metal. With extra heavy hasp and positive locking flag signal which can be seen from any direction. Without padlock ..... One-half dozen in a crate.

12.00



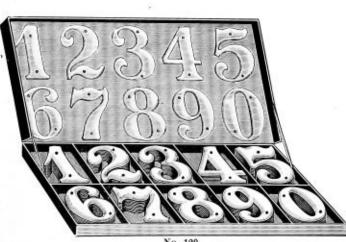
No. 1.—Carrier's Friend. 19 in. long. 6 in. wide and 10 in. deep. Made of No. 22 galvan-ized steel, aluminum finished. Door fitted with strong padlock hasp, cannot be blown open. With inner box feature of-fering privacy and security regarding first class mail. The lower division is for newspapers, magazines, etc.—while outgoing mail is held in receptacle on back of door. Without padlock. One-half doz. 



No. 04227.—1½ inch. Cast brass case. Round brass spring shackle. Self-locking. Two nickel-Two nickelplated corrugated keys with each lock. Six key changes and one master key opening all with each dozen locks ...... Per No. 04227C.—Same as 04227, but with chain. Per dozen \$ 4.50 One dozen in a box.

### HOUSE NUMBERS





Aluminum house numbers. Aluminum without alloy and will neither rust, tarnish nor corrode. The figures are broad faced and easily read at a distance. Embossed up round and full, highly polished and being perfectly smooth do not catch or hold dust or dirt. Furnished with brass nickel-plated pins for putting up, two for each figure. 2 1-12 dozen of each numeral in a box. Per dozen \$ .80 No. 3. -3-inch. Any numeral ......

## TURN DOOR BELLS



Nos. 250AN&255AN Turn 4x15% in.



Nos. 250CG&255CG Turn 31/4×13/4 in.



Nos. 250CH&255CH Turn 3%x15% in.



Nos. 250EC&255EC Turn 4x1½ in.



No. 255FC Turn 37/8×11/2 in.



Nos. 250MR&255MR Turn 4x2% in.



Nos. 250SH&255SH Turn 33/1×15/8,in.



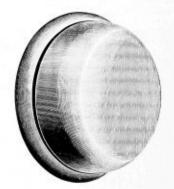
Nos. 250TC&255TC Turn 334x15% in.



Nos. 250TE&255TE Turn 41/4x11/2 in.



Style of Bell used with No. 250 Sets



Style of Bell used with No. 255 Sets

Wrought steel turn complete with 3 inch rotary wrought steel bell to match. No winding required. Complete with screws

wrought steel bell to match. No w	man	ig req	urreu.
Complete with screws.			
No. A5B250AN Antique copper finish.	Per	dozen	\$ 6.00
No. OE250ANOld brass finish	**	**	6.00
No. AB250CGAntique copper finish		44	6.00
No. OE250CGOld brass finish	6.6	8.0	6.00
No. AB250CHAntique copper finish		44	6.00
No. OB250CHOld brass finish	6.6	- 64	6.00
No. AB250EC Antique copper finish		**	6.00
No. AB250MRAntique copper finish	84	14	6.00
No. AB250SH. —Antique copper finish	14	44	6.00
No. OE250SHOld brass finish	66	**	6.00
No. AB250TCAntique copper finish		4.4	6.00
No. OB250TCOld brass finish	6.6	4.6	6.00
No. OE250TEOld brass finish	66	44	6.00
One-twelfth dozen in a l	ox.		. 7000

Wrought bronze or brass turn with 3 inch rotary cast bell metal bell to match. No winding required. Complete with screws.

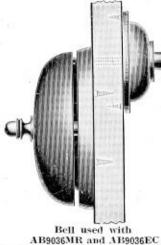
plete with screws.			
No. A5B255AN.—Antique copper finish.	Per	dozen	\$ 12.00
No. OE255ANOld brass finish	14	**	12.00
No. AB255CGAntique copper finish	44	44	12.00
No. OE255CGOld brass finish	44	44	12.00
No. AB255CH Antique copper finish	44	19	12.00
No. OB255CHOld brass finish	11		12.00
No. AB255EC Antique copper finish	44	44	12.00
No. OB255FCOld brass finish	**	44	12.00
No. AB255MRAntique copper finish	44	**	12.00
No. AB255SHAntique copper finish	+4	**	12.00
No. OE255SHOld brass finish	**	**	12.00
No. AB255TCAntique copper finish	**	**	12.00
No. OB255TCOld brass finish		**	12.00
No. OE255TE -Old brass finish	**	**	12.00

One-twelfth dozen in a box.



### PUSH BUTTON DOOR BELLS









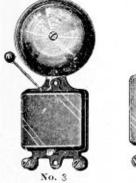
AR9031P and AB9035EC

Nos. AB9036EC & AB9035EC

No. AB9036Mk.—Antique copper finish. Bronze metal push button with 31/2 in. bell metal bell to match. Doz. \$ 30.60 No. AB9031P.—Antique copper finish. Bronze metal round push button (as shown with bell) with 3½ inch steel Per dozen No. AB9036EC.--Antique copper finish. Bronze metal push button with 31/2 in. bell metal bell to match Per doz. 31.20 No. AB9035EC.—Antique copper finish. Wrought steel push button with 31/2 in. steel bell to match. Per dozen 20.40

One-twelfth dozen in a box. Above bells furnished with 14 inches of rod which may easily be cut to length. The bell is self-winding and always ready for use.

### ELECTRIC BELLS





No. 3. -Iron box electric bells. 3 in. Ea. \$ 80 No. 03 .- Iron box electric buzzers. Each .70

One in a box.

### PUSH BUTTONS ELECTRIC







No. 9650



Nos. AB9184MR Etc.

No. AB9184MR.—Wrought bronze, ant. cop. finish. Per dozen \$ 5.65 No. AB9144MR.—Wrought steel, ant. cop. finish No. OB9184MR.—Wrought brass, old brass finish 3.00 5.65 3.00 No. OB9144MR.—Wrought steel, old brass finish One-sixth dozen in a box.

No. AB9161P.—Wrought bronze, antique cop. finish. Per doz. \$ 2.65 2.65 No. OB9161. -Wrought brass, old brass finish .... -Polished wood, round ..... No. 9650. 1.80 -Floor push. 2 inch plate ..... .80 No. 4065. For other design push buttons see preceding pages.

## DRY BATTERIES



	Sterling	.—6 in.		Each \$	.40
	Orion.				.30
	No. 6.		R. I	**	.40
ļ			R. I	44	.70
f			R. I	44	1.00
	No. 6S.		Sparker	44	.50
į	No. 7S.		Sparker	44	-80
ĺ			Sparker	44	1.20
ì	140. 85.	-8 m	Sparker		
ĺ	Name of				bot

For detailed description see battery page.

#### BATTERY ZINCS



	100			9	
No. 60	Zincs	with	copper		
thumb	screw	Per	dozen	\$	.80

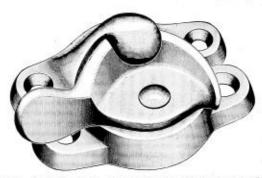
#### INSULATED WIRE



A COMPANY OF THE PARTY OF THE P	-	-	
Insulated or annunciator w			
No. 25 25 ft. spools	Per	dozen	\$ 2.40
No en en et ennole	6.6	4.6	4.00
No. 100100 ft. spools	64	- 11	7.50
No. 11 lb. reels	1	Per to.	.60
No. 22 Mb. reels		**	-60
No. 69. —6 to 9 lb. reels		**	.54

STERUNG BRAND FOR QUALITY STANDS"

### SASH LOCKS



Plain pattern, cast. Packed with screws to match.

No.	839.—Cast iron.	Antique copper finish.
	Per dozen	\$ 1.50
No.	837Cast iron.	Old brass finish. Per dozen 1.50
No.		Nickel-plated finish, pol- Per dozen 4.00
No.		. Antique cop. finish, highly Per dozen 6.00
No.	851.—Cast brass.	Old brass finish, polished.

One dozen in a box.

Per dozen ...... 6.00





Wrought steel. Plain pattern. Packed with screws to match.

No. 702.—Antique copper finish ...... Per dozen \$ 1.50 No. 709.—Old brass finish ...... " " 1.50

One dozen in a box.

#### STEEL, EXTRA LARGE



Wrought steel. Plain pattern. Extra large size. For mill and factory use. Packed with screws to match.

No. 900B .- Antique copper finish ..... Per dozen \$ 3.00

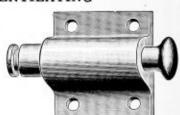
One dozen in a box.



No. 0731.—Plain pattern, cast iron. Lacquered finish. Packed with screws to match. Per Doz. \$ 1.20 One dozen in a box.

#### VENTILATING







On the side as a Sash Bolt for Single Sashes



On the top rail of the lower sash as a Ventilating Sash Lock.

SIDE



Side sash locks. Malleable iron. Packed with screws to match. One dozen in a box.

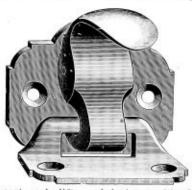
No. T324 —Tuscan bronzed Per dozen \$ 1.10 No. DA324.—Antique copper finish "" 1.70

No. CT324.—Old brass finish .... " 1.70

"STERUNG BRAND FOR QUALITY STANDS"



### SASH LIFTS AND LOCKS



THE RESERVE OF THE PARTY OF THE
Plain cast sash lifts and locks combined. Size o plate 1%x1½ inches. Packed with screws to match.
No. DA460.—Cast iron. Antique copper finish, un- polished
No. AB460.—Cast iron. Antique copper finish,
No. OT460.—Cast iron. Old brass finish, unpol-
ished Per dozen 2.0
No. OB460.—Cast iron. Old brass finish, polished
Per dozen
No. AB\$60P—Cast bronze. Antique copper finish, highly polished
No. OB860.—Cast brass. Old brass finish, polished
Per dozen 9.4
One dozen in a box.

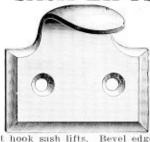


## SASH PULL PLATES



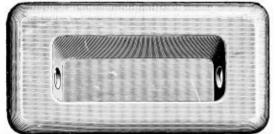


### SASH LIFTS



Wrought hook sash lifts. Bevel edge. Packed	with
screws to match. Three dozen in a box.	
No. DA2435. —Wrought steel. Ant. cop. fin. Dozen	\$ .50
No. OT2435 Wrought steel. Old brass fin. "	.50
No. AB2835P.—Wrought bronze. Ant. cop. finish,	
highly polished Per dozen	
No. OB2835 Wrought brass. Old brass finish, pol-	
ished Per dozen	1.25
No. N2835 Wrought brass. Nickel-plated finish,	
polished Per dozen	1.25





Wrought flush sash litts. Size 1½,x3 inches. Packed with screws to match. One dozen in a box.

No. DA1487MR.—Wrought steel. Ant. cop. fin., unpolished. Per dozen \$ .85

No. AB1487MR.—Wrought steel Ant. cop. finish, highly polished. Per dozen 1.00

No. OT1437MR.—Wrought steel. Old brass finish, unpolished. Per dozen .85

No. OB1487MR.—Wrought steel. Old brass finish, polished. Per dozen 1.00

No. AB1887MR.—Wrought brenze. Ant. cop. fin., highly polished Per dozen 1.35

No. OB1887MR.—Wrought brass Old brass finish, polished Per dozen 1.35





## CASEMENT WINDOW ADJUSTERS



	Casement window adjusters.	Cast iron.	Either right	or left	hand.	3% inch	rod. * Packed	with screws t	o match.
No.	DA64 Antique copper finish .						Inches	10	12
	Per dozen							\$8-50	9.20
No	OT64Old brass finish						Inches	10	12
	Per dozen							\$8.50	9.20
		(	One-fourth do	zen in	a box.				



### CASEMENT FASTENERS



Nos. 42 and 48
With rim strike. Size without strike
15%x1½ inches



No. 23



No. 23
With rim strike. Size without strike
13/4x1 inch.



Nos. 43 and 49

With surface strike. Size without strike 15%x11% inches.

Casement fasteners or turn buckles. Either right or left hand. Packed with screws	to mat	ch.	
No. T42. —Cast iron. Tuscan bronzed	Per	dozen	\$ 2.20
No. AB42. —Cast iron. Antique copper finish, highly polished		66	4.70
No. OB42. — Cast iron. Old brass finish, polished		44	4.70
No. AB48P.—Cast bronze. Antique copper finish, highly polished		44	9.40
No. OB48. —Cast brass Old brass finish, polished		4.6	9.40
No. AB23 Cast iron. Antique copper finish, highly polished		44	4.70
No. OB23. —Cast iron. Old brass finish, polished		**	4.70
No. AB43. —Cast iron. Antique copper finish, highly polished		n.	4.70
No. OB43.— Cast iron. Old brass finish, polished	- 11	**	4.70
No. AB49P.—Cast bronze. Antique copper finish, highly polished	- 0	re	9.40
No. OB49. —Cast brass. Old brass finish, polished	"	11	9.40

#### STOP BEAD SCREWS AND WASHERS



Front View

Stop bead screws and washers. For windows and doors.  $1\frac{1}{4}$  inch No. 8 round head iron screws and beveled washers.

No. AB4.—Ant. cop. fin., highly polished. Per gro. \$ 1.25 No. OB4.—Old brass finish, polished ... " " 1.25 One gross in a box.

### STOP BEAD ADJUSTERS



Front View



Side View Showing Knurled Edges

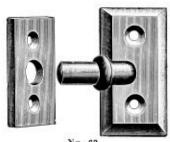
Stop bead adjusters. For windows and doors. 1 inch No. 8 round head iron screws and steel cup washers. No. AB14.—Ant. cop. fin., highly polished. Per gro. \$ 3.30

No. OB14.—Old brass finish, polished .... " "
One gross in a box.



### SASH CENTERS









Nos. 1, 22 and 4

No. 63

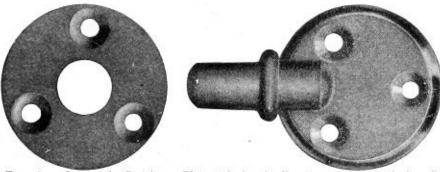
Nos. 52 to OT53

No. 40

Cast iron. A set comprises 4 pieces. Antique copper and old brass finish complete with screws to match, Japanned and coppered are without screws.

No. 1.—Japanned. 3/x1% inches. Stem 3/ diam, and 1/2 inch long.

1.—Japanned.	3/4x1% inches.	Stem % diam, and ¼ inch long	Per	dozen	sets \$	.45
22.—Japanned.	†8x21/4 inches.	Stem % diam, and % inch long		ii .	**	.70
4.—Japanned.	1x2% inches.	Stem ¼ diam, and ¾ inch long			46	1.00
63.—Japanned.	11/2x3 inches.	Stem ¼ diam, and ¼ inch long			44	1.70
52.—Coppered.	%x2% inches.	Stem % diam, and ¼ inch long			46	1.40
DA52.—Antique copper.	. %x2% inches.	Stem % diam, and ¼ inch long			46	2.50
OT52.—Old brass.	%x2% inches.	Stem 3/4 diam. and 1/4 inch long			41	2.50
	1x31/a inches.	Stem & diam, and % inch long			44	2.20
DA53.—Antique copper	. 1x31/4 inches.	Stem 🖧 diam. and ¾ inch long			**	4.30
OT53.—Old brass.	1x31/4 inches.	Stem 👫 diam. and % inch long		11	41	4.30
40.—Japanned.	$1\frac{1}{2}$ x $3\frac{7}{8}$ inches.	Stem 🚼 diam. and ½ inch long				4.30
Nos. 1 and 22	2, three dozen s	s; No. 40, one-half dozen sets; o	others, one dozen sets in a	box.		-500
	22.—Japanned. 4.—Japanned. 63.—Japanned. 52.—Coppered. DA52.—Antique copper OT52.—Old brass. 53.—Coppered. DA53.—Antique copper OT53.—Old brass, 40.—Japanned.	22.—Japanned. 18x2½ inches. 4.—Japanned. 1x2½ inches. 63.—Japanned. 1½x3 inches. 52.—Coppered. 7½x2½ inches. DA52.—Antique copper. 7½x2½ inches. 0T52.—Old brass. 7½x2½ inches. 53.—Coppered. 1x3¼ inches. DA53.—Antique copper. 1x3¼ inches. 0T53.—Old brass. 1x3¼ inches. 40.—Japanned. 1½x37½ inches.	22.—Japanned.	22.—Japanned.	22.—Japanned. 18x2½ inches. Stem ¾ diam. and ¼ inch long	22.—Japanned. 1821/4 inches. Stem 3/8 diam. and 1/4 inch long



### WINDOW SPRING BOLTS







No. 19.—Spiral spring window springs. Cast iron case, malleable iron bolt, coppered. Self fastening screw socket. To fit 3/4 in. hole. ... Per gross \$ 5.70 One-half gross in a box.

### WINDOW FASTENERS



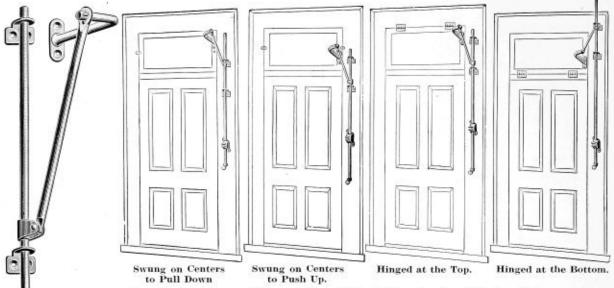




No. 212.—Tuscan bronzed fastener with 2½ inch fast joint steel butts and 2½ in. hook and eye. Complete with screws . . . . . Per dozen sets § 2.64 Each set in carton; one dozen in a box.



### TRANSOM LIFTERS



Automatic Grip Transom Lifters. Either right or left hand, and suitable for all transoms.

#### Steel rods. Pekin finish (red copper).

Nos	P2013	P2014	P2534	P2535	P2545	P2546
Length, feet	3	4	4	5	5	6
Diameter, inches	1/4	1/4	18	18	3/8	3/8
Each	\$ .26	-26	.40	-47	-60	.68

#### Steel rods. Antique copper finish. Complete with screws to match.

Nos	DA2013	DA2014	AB2534	AB2535	AB2545	AB2546
Length, feet		4	4	5	5	6
Diameter, inches	1/4	1/4	र्गंड	าใช	3/8	3/8
Each	S .40	.43	.51	.60	.73	-83

#### Steel rods. Old brass finish. Complete with screws to match.

Nos	OT2013	OT2014	OB2534	OB2535	OB2545	OB2546
Length, feet		4	4	5	5	6
Diameter, inches		1/4	16	rie .	3/8	3/8
Each	\$ .40	.43	-51	.60	.73	.83

Can be furnished in lengths 7, 8, 9 or 10 feet by 3% or 7-16 diameter from factory direct.

The above illustrations show how to apply. Notice that the guides for the rod are placed so as to act as stops, preventing the rod from pulling out when the transoms are open the full width. By the automatic grip, transoms can be opened easily and locked in any position desired. The same lifter can be used equally well for all transoms, whether hinged at the top, hinged at the bottom, swung on centers to pull down, or swung on centers to push up. Can also be used on transoms working vertically, and is suitable for either right or left hand without changing any of the parts.

1/4-inch rods designed for light transoms; 1/4-inch for medium transoms; 3/6-inch for heavy transoms.

### TRANSOM CHAINS



	Transom chains. Steel chain, 12 inches long. Complete with screws to ma	iten.	
i.	YT31.—Bronze-plated, bright finish, unpolished	r dozen	\$ 3.50
١.	DA31.—Antique copper finish, unpolished	44	3.90
١.	OT31.—Old brass finish, unpolished	44	3.90

One dozen in a box.

No.



### TRANSOM CATCHES

#### RIM STRIKE



Nos. T3443A and T3444A



No. T34431/2A

#### REVERSE BEVEL



No. T3445A

			Cast iron.								
No. T3	443A. —Rin	a strike.	Size without	strike	1%x11/a	inches		 	 Per	dozen	\$ 1.55
No. T3	444A. —Rim	strike.	Size without	strike	21/4×11/4	inches			6.6	**	1.55
No. T'34	4431/2A.—Fla	t strike.	Size without	strike	1%x11/6	inches		 	 11	44	1.55
No. T3	445A. —Rev	erse beve	Size without el. Size with	out stri	ike 17/8x	11/8 inc	hes	 	 11	**	1.55
					Two do	ozen in	a box.				

#### RIM STRIKE



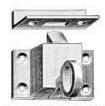
Nos. AB3443, OB3443, AB3444 & OB3444

#### FLAT STRIKE



Nos. AB34431/2 & OB34431/2

#### REVERSE BEVEL



Nos. AB3445 & OB3445

Cast iron. Plain polished design. Packed with screws to match.			
No. AB3443. —Rim strike. Size without strike 174x114 in. Antique copper finish, highly polished	Per	dozen :	8 5.25
No. OB3443. —Rim strike. Size without strike 1%x1% in. Old brass finish, polished	44	24	5.25
No. AB3444. —Rim strike. Size without strike 21/4x11/4 in. Antique copper finish, highly polished		**	5.25
No. OB3444. —Rim strike. Size without strike 2½x1½ in. Old brass finish, polished	4.4	**	5.25
No. AB34431/2.—Flat strike. Size without strike 11/4 x11/4 in. Antique copper finish, highly polished	64	64	5.25
No. OB3443½.—Flat strike. Size without strike 1%x1½ in. Old brass finish, polished	**	**	5.25
No. AB3445. —Reverse bevel. Size without strike 11/4x11/4 in. Antique copper finish, highly polished	6.8	**	5.25
No. OB3445 Reverse bevel. Size without strike 1 1/2 x 11/2 in. Old brass finish, polished		**	5.25
I wo dozen in a box.			

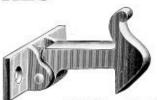
### ELBOW CATCHES



Half Size of Nos. 6300 & BT6300



Half Size of No. 6500



Half Size of No. 6303

No.	6300.	-Cast	iron.	Japanned	Per	gross	\$ 6.25
No.	BT6300	Cast	iron.	Brass plated, bright finish, unpolished. With screws	**		8.80
No.	6500.	—Cast	brass	Natural color, highly polished. With screws	**	cc	27.20
No.	6303.	—Cast	iron.	Japanned. Complete with 2 strike plates. For heavy doors—barn, garage, etc. One-twelfth gross in a box.	3.9	o.	20.40

### FLUSH CATCHES





No. 26. —Cast brass. Natural color, highly polished. Size without strike 1\(\frac{1}{4}\)x1\(\frac{1}{8}\) in. With triangular bolt. For automobile or show case use. Packed with screws to match

Two dozen in a box.

No. 2500.—Wrought brass. Natural color, polished. Size without strike 1x1\(\frac{1}{8}\) in. With triangular bolt. For cupboards, medicine cabinets, etc. Packed with screws to match

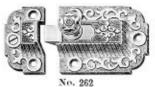
Per dozen

1.70

Three dozen in a box.



### CUPBOARD AND FRENCH WINDOW CATCHES

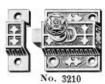






Nos.	F442A	and	K442A
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No.	262. —Tuscan bronzed.	Size without strike 11/2x2 in. Cast iron, bronze plated knob	Per	dozen \$	1.00
No.	267. —Tuscan bronzed.	Size without strike 11/2x2 in. Cast iron, porcelain knob	44	"	1.20
No.	T442A Tuscan bronzed.	Size without strike 17 x21/2 in. Cast iron, bronze plated knob	60	***	1.00
No.	K442ATokio bronzed.	Size without strike 1%x21/8 in. Cast iron, bronze plated knob		**	1.65
		Packed with screws to match. Two dozen in a box.			







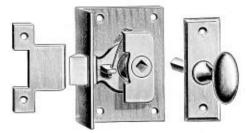


Nos. AB2410, OB2410 & N2410

Nos. AB2400, OB2400 & N2800 Nos. AB1440

No	. 3210.—Tuscan bronzed. Size without strike 1/2x1/3 in. Cast iron, bronze plated knob	Per	dozen	\$ 1.00
No	AB2410.—Antique copper finish. Wrought steel. Size without strike 1%x1 inch	**	**	1.60
	OB2410.—Old brass finish. Wrought steel. Size without strike 1%x1 inch	4.1	6.0	1.60
	N2410.—Nickel-plated finish. Wrought steel. Size without strike 136x1 inch	44	**	1.65
	. AB2400.—Antique copper finish. Wrought steel. Size without strike 1%x1% inches	**	**	1.75
	OB2400.—Old brass finish. Wrought steel. Size without strike 1%x1% inches	419	"	1.75
	N2800.—Nickel-plated finish. Wrought brass. Size without strike 13/8x15/6 inches	46	46	3.50
	AB1440.—Antique copper finish. Cast iron. Size without strike 1%x3/4 inch	6.6	**	2.60
	OB1440.—Old brass finish. Cast iron. Size without strike 17/8×3/4 inch	**	**	2.60
	Packed with screws to match. Two dozen in a box.			

## CUPBOARD LATCHES



Cupboard latches. All brass. Size of case  $234x1\frac{1}{6}$  inches. Width of front  $\frac{1}{2}$  inch; backset  $\frac{3}{4}$  inch. Complete with oval thumb knob, size of plate  $23\frac{1}{6}x\frac{1}{6}$  inch; knob  $1\frac{1}{6}$  inches long and with  $\frac{3}{16}$  inch spindle. With strike for doors  $1\frac{1}{6}$  inch thick. Strikes can be cut off for use with doors of different thicknesses, also rabbeted doors, etc. Reversible for either right or left hand.

	-Antique copper finish thumb knob. Polished brass latch		dozen	4
No. OB52xOB1043.	-Old brass finish, polished, thumb knob and latch	**	**	21.40
No. N52xN1043.	Nickel-plated finish thumb knob and latch     Packed with screws to match; one-half dozen in a box.		**	21.40

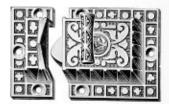
## CUPBOARD TURNS



Size without strike 21/8×11/2 inches. Nos. T4222A, T4232A and K4232A.



Size without strike  $2\frac{1}{8}x1\frac{1}{2}$  inches. No. T4230



Size without strike 21/8×21/8 inches. No. T4472A.

	T handle. Cast iron. T handle. Cast iron. Bronze plated handle T handle. Cast iron. Tokio bronzed handle		dozen	\$ 1.85 2.20
TORIO DIDILECT.	i nangie, Cast iron. Tokio bronzed handle	4.6	4.4	2.90
No. T4230. — Tuscan bronzed	Round knob. Cast iron		. 0000	
** m	results knob. Cast from	**	* **	1.85
No. T4472A.—Tuscan bronzed.	Thandle Cast iron Diamond holt Brongs motal bandle			
	T handle. Cast iron. Diamond bolt. Bronze metal handle			3.30

### CUPBOARD TURNS

#### CAST







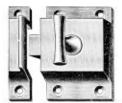
Size without strike 17/8×1 % inches. Nos. AB4456, OB4456 & N4456



Size without strike 21/8×13/4 inches. Nos. AB4462, OB4462, AB4862P & OB4862

Nos. AD4455 and O	194400	Nos. AB4406, OB4406 & N4406 Nos. AB4462, OB4462, A	154862	ZI & O	154862
No. AB4455.—Oval knob.	Cast iron.	Antique copper finish, highly polished	Per	dozen	\$ 3.60
No. OB4455Oval knob.	Cast iron.	Old brass finish, polished	11	4.6	3.60
No. AB4456.—T handle.	Cast iron.	Antique copper finish, highly polished	- 11	$\epsilon\epsilon$	3.60
No. OB4456.—T handle.	Cast iron.	Old brass finish, polished	1.	44	3.60
No. N4456.—T handle.	Cast iron.	Nickel-plated	**	4.4	3.90
No. AB4462.—T handle.	Cast iron.	Antique copper finish, highly polished	43	**	3.90
No. OB4462.—T handle.	Cast iron.	Old brass finish polished	X.6	44	3.90
		One dozen in a box.			
No. AB4862P.—T handle.	Cast bronz	e. Antique copper finish, highly polished	**	44	9.60
No. OB4862. —T handle.	Cast brass	Old brass finish, polished	4.4	$\alpha$	9.60
		에 가는 사람들이 되었다면 하는 것이 없는 것이었다면 없는 것이었다면 없는 것이 없는 것이었다면 없는 없는 것이었다면 없다면 없다면 없었다면 없다면 없다면 없었다면 없다면 없었다면 없다면 없다면 없다면 없다면 없다면 없다면 없다면 없다면 없다면 없			

One-half dozen in a box.



Size without strike 21/4x1% inches. Nos. AB4402 and OB4402



Size without strike  $21/4 \times 1\%$  inches. Nos. AB4405 and OB4405

No. AB4402.—T bandle.	Cast iron.	Antique copper finish, highly polished	Per	dozen	\$ 3.60
No. OB4402.—T handle. No. AB4405.—Oval knob.	Cast iron. Cast iron.	Old brass finish, polished	**		3.60 3.60
		Old brass finish, polished	**	**	3.60

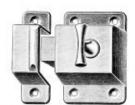
#### WROUGHT



Size without strike 1%x1% inches. Nos. AB4415 and OB4415



Size without strike, 2½x1½ inches Nos. AB4425, OB4425 and N4425



Size without strike, 21/8×17/6 inches -Nos. AB4426, OB4426 and N4826

1	No. AB4415 Oval knob.	Wrought steel.	Antique copper finish	Per	dozén	\$ 3.25	
			Old brass finish		++	3.25	
1	No. AB4425Oval knob.	Wrought steel.	Antique copper finish			3.65	
2	o. OB4425Oval knob.	Wrought steel.	Old brass finish	**	**	3.65	
1	io. N4425.—Oval knob.	Wrought steel.	Nickel-plated	**	-11	4.00	
1	No. AB4426.—T handle.		Antique copper finish			3.65	
1	No. OB4426.—T handle.	Wrought steel.	Old brass finish	**	41	3.65	
1	o. N4826.—T handle.	Wrought brass.	Nickel-plated, highly polished	**	44	8-20	

One dozen in a box.

All cupboard turns packed with screws to match.



6 1.75

## BARREL BOLTS



Illustration shows half size.



Illustration shows Half Size of 4 Inch.

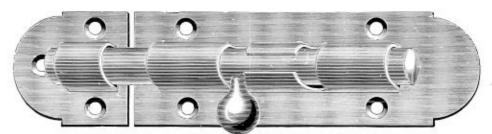
No. 364 .- 21/2 inch. Wrought steel. Japanned. With polished bolt and knob ..... Per dozen \$ 1.70 No. 362.—Inches ...... 3
Per dozen ... \$ .90

Cast iron. Japanned. With brass knob and polished bolt. 1.10 1.40

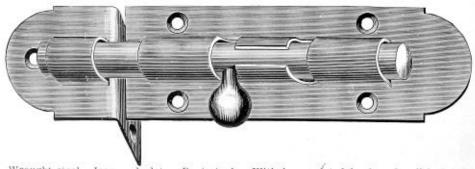
One dozen in a box.



Wrought steel. Light pattern. Japanned. With brass plated 1	knob and	polished	bolt.	
No. 365. —Inches 214. Per dozen \$1.50	3 1.90	2.15	5 2.50	6 2-90
Wrought steel. Light pattern. Antique copper finish, unpolished.	With so	rews to	match.	
No. DA355.—Inches 2½ Per dozen \$1.50	1.75	2.00	2.25	2-50
Wrought steel. Light pattern. Old brass finish, unpolished.	With ser	ews to m	atch.	
No. OT355.—Inches	3	4	5	6
Per dozen\$1.50	1.75	2.00	2.25	2-50
One dozen in a box.				



Wrought steel. Japanned. With brass plated knob and polisl	ned bolt.		
No. 367.—Inches	5	6	8
Per dozen 8 2.15 2.45	3.00	3.40	6.50
Wrought brass. Natural color, highly polished. With screws to	match.		
No. 867.—Inches	3	4	5
Per dozen \$ 2.95	4.20	5.40	7.00
8 inch one half dozen; others one dozen in a box.			



Wrought steel. Japanned plate. Bent staple. With brass plated knob and polished bolt. No. 368.—Inches Per dozen ..... 3.60

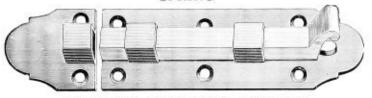
5 and 6 inch one dozen; 8 inch one-half dozen in a box.

STERUNG BRAND FOR QUALITY STANDS"



### **BOLTS**

#### SPRING



	wrought steel.	Japanned plate.	Polished boit.			
No. 315.—Inches			21/2	3	31/2	4
Per dozen			\$ 1.20	1.35	1.60	1.80
	C	one dozen in a box				

#### NECK



wrought steel. Japanned plate. Pollshed boil.	
No. 325.—Inches 2½ 3	31/2
Per dozen	1.60
Wrought brass. Polished.	
No. 525.—Inches	
Per dozenOne dozen in a box.	3.25

#### SQUARE



Wrought steel. Steel spring. Japanned Plate. Polished bolt.		
No. 305.—Inches	6 8	10
	2.85 4.00	6.50
Wrought steel. Extra heavy. Steel spring. Japanned plate. Polished	bolt,	
No. 306.—Inches	6 8	10
Per dozen\$3	3.60 5.25	8.00



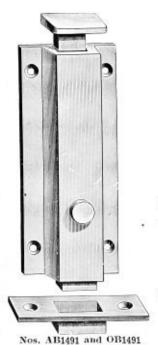
 Wrought steel.
 Extra heavy. Steel spring.
 Japanned plate. Polished bolt.
 With floor plate.

 No. 308.—Inches
 6
 8
 10
 12

 Per dozen
 \$ 3.60
 5.25
 8.00
 10.00



### FOOT BOLTS





Nos. AB497 and OB497

#### FOOT BOLTS

Cast iron. Antique copper finish, highly polished. Packed with screws to match. No. AB1491 .-9.80 11.00 One-half dozen in a box.

Cast iron. Old brass finish, polished. Packed with screws to match. No. OB1491.—Inches ..... Per dozen ......\$ 8.20 9.80 11.00 One-half dozen in a box.



Cast iron. Size 2%x1½ inches. For screen or other light doors. Packed with screws to match.

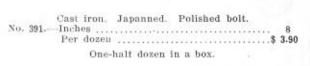
No. AB497. —Antique cop. fin., highly pol. Per doz. \$ 6.30

No. OB497. —Old brass finish, polished "" 6.30

One dozen in a box.



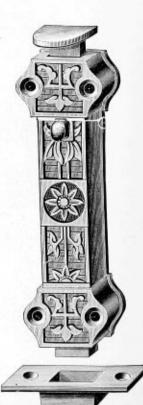
Wrought steel. Antique copper finish. Packed with screws to match. No. 440AC. —Inches Per dozen ...... \$ 8.20 9.80 11.00 One-half dozen in a box. Wrought steel. Old brass finish. Packed with screws to match. No. 4400B. -- Inches ..... Per dozen .......\$ 8.20 9.80 11.00 One-half dozen in a box. Cast iron. Tuscan bronzed. Packed with screws to match. 5.20 One-half dozen in a box. Cast iron. Tokio bronzed, No. 3 Finish. Packed with screws to match. 



One-half dozen in a box.

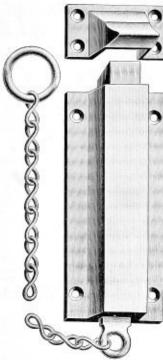
7.40

8.20



No. 391

### CHAIN BOLTS



Nos. AB1483 and OB1483



Nos. AB487 and OB487

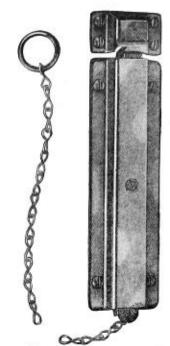
#### CHAIN BOLTS

Cast iron, extra heavy. Antique copper finish, highly polished. Packed with screws to match.

No. AB1483.—Inches ...... 4 6 Per dozen ...\$ 9.20 12.00 13.50 One-half dozen in a box.

Cast iron, extra heavy. Old brass finish, polished. Packed with screws to match. No. OB1483.—Inches ..... 4 Per dozen ...\$ 9.20

12.00 13.50 One-half dozen in a box.



Nos. 430AC and 430OB

Cast iron. Size 2x1½ inches. For screen or other light doors. Packed with screws to match. No. AB487. —Antique copper finish, highly Per dozen ..... One dozen in a box.

Wrought steel. Antique copper finish. Packed with screws to match.

No. 430AC. —Inches ...... Per dozen ... \$ 9.20 13.50 12.00 One-half dozen in a box.

Wrought steel. Old brass finish. Packed with screws to match.

No. 430OB. —Inches . . . . . 4
Per dozen . . . \$ 9.20 12.00 13.50 One-half dozen in a box:

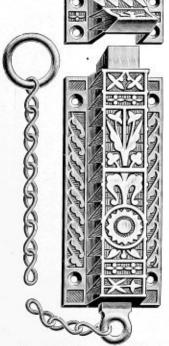
Cast iron, extra heavy. Tuscan bronzed. Packed with screws to match.

No. T1483A.—Inches ...... Per dozen ... \$ 3.80 4.80 5.90 One-half dozen in a box.

Cast iron, extra heavy. Tokio bronzed. Packed with screws to match.

No. K1483A.—Inches ..... Per dozen ...\$ 5.90 7.40 8.70 One-half dozen in a box.

Extra heavy, cast iron. Japanned with polished bolt. No. 383. Per dozen ......\$ 5.00 One-half dozen in a box.



Nos. T1483A and K1483A



"STERUNG BRAND FOR QUALITY STANDS"



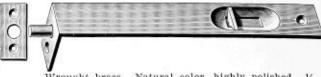
#### FLUSH BOLTS



Antique copper finish, highly polished. Cast bronze. With knob. % inch wide, 34 inch angle. With strike. Packed with screws to match.

No. AB56P.—Inches 2 3
Per dozen \$4.60 5.50
Cast brass. Old brass finish, polished. With knob.
% inch wide, ¾ inch angle. With strike. Packed with

screws to match. -Inches No. OB56. Per dozen .... .....\$ 4.60 5.50 One dozen in a box.



Wrought brass. Natural color, highly polished. 1/2 

to match.

No. AB40.-4.80

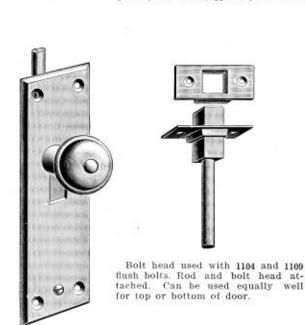


Wrought steel. Antique copper finish, highly polished. 1 inch wide, 3/4 inch square bolt, 13/4 inch angle. With strike. Packed with screws to match.

Per dozen \$10.30 11.40 13.70 Wrought steel. Old brass finish, polished. 1 inch wide, 3/4 inch square bolt, 13/4 inch angle. With strike. Packed 11.40

with screws to match. No. OB144 .-- Inches ..... 12 18 Per dozen ..... 13.70

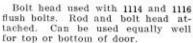
11.40



With slide knob and 1/2 inch heavy square bolt. Plate 55/8x11/2 inches. Packed with screws to match.

No. AB1104. —Cast iron. Antique cop. finish, highly polished. Lengths 12, 18 or 24 in. Per doz.\$ 15.50 No. OB1104. —Cast iron. Old brass finish, polished. Lengths 12, 18 or 24 in..... Per dozen No. AB1109P.—Cast bronze. Antique cop. finish, highly polished. Lengths 12, 18 or 24 in. Per doz. No. OB1109. —Cast brass. Old brass finish, pol-25.90 ished. Lengths 12, 18 or 24 in. ..... Per dozen 25.90 One-sixth dozen in a box. In ordering specify length wanted.







19.20

29.60

29.60

With flush lever, and ½ inch heavy square bolt-Plate 6\%x1\% inches, and guide 2\%x1\% inches. Packed with screws to match.

No. AB1114.—Cast iron, bronze lever. Antique copper finish, highly polished. Lengths 12, 18

finish, polished. Lengths 12, 18 or 24 inches.

Per dozen

No. AB1116P.—Cast bronze. Antique copper finish, highly polished. Lengths 12, 18, or 24 inPer dozen No. OB1116.—Cast brass. Old brass finish, pol-

ished. Lengths 12, 18 or 24 inches .. Per dozen One-sixth dozen in a box. In ordering specify length wanted.

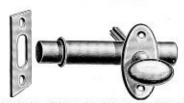


### MORTISE DOOR BOLTS



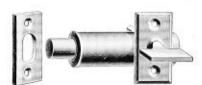
Cast bolt. Iron trimmed. Case  $2\frac{1}{2}x\frac{3}{4}$  inches; thumb knob plate  $1\frac{5}{8}x\frac{7}{8}$  inches; backset 2 inches. Packed with screws.

One dozen in a box.



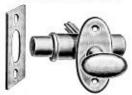
Wrought bolt. Wrought trimmed. Case  $2\frac{\pi}{4}x_{16}^{p_{0}}$  in.; Thumb knob plate  $1\frac{\pi}{4}x_{8}^{p_{0}}$  in.; backset  $1\frac{\pi}{8}$  in. Packed with screws.

No. AB272P.—Bronze. Ant. cop. fin., pol. Per. doz. \$ 5.30 No. OB272 —Brass. Old brass fin., pol. " 5.30 No. N272. —Brass. Nickel-plated, pol. " 5.30 One dozen in a box.



Cast bolt. Wrought trimmed. Case  $2\frac{1}{2}x\frac{3}{4}$  inches; thumb knob plate  $1\frac{5}{6}x\frac{7}{8}$  inches; backset 2 inches. Packed with screws.

No. AB274. —Steel. Ant. cop. fin., pol. Per doz. \$ 3.25 No. OB274. —Steel. Old brass fin., pol. " " 3.25 No. AB273P.—Bronze. Ant. cop. fin., pol. " " 4.10 No. OB278 —Brass. Old brass fin., pol. " " 4.10 One dozen in a box.



Cast bolt. Wrought trimmed. Case 1%x% in.; thumb knob plate 1%x% in.; backset ¾ in. Short bolt for use on sash. Packed with screws.

No. AB262P.—Bronze. Ant. cop. fin., pol. Per doz. \$ 5.30 No. OB262. —Brass. Old brass fin., pol. " 5.30 One dozen in a box.

### DOOR BUTTONS

#### JAPANNED



	Cast iron. Jap	anned.		
No.	1011/2-inch	Per	gross	\$ .60
No.	10.—13/4-inch		- 11	.72
	10.—2 -inch	. "	**	-80
	10.—21/2-inch		44	1.60
$2^{1}/_{2}$	inch, one-half gross; in a box.	others	one ;	gross

#### JAPANNED ON PLATES



Cast iron. Japanned, On plates. No. 20.—2-inch ....... Per gross \$ 4.30

One-half gross in a box.

#### BRASS ON PLATES



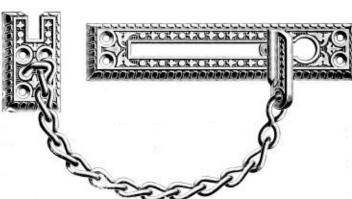
One-half gross in a box.

### CHAIN DOOR FASTS



Wrought steel case, 6%x1% inches. With heavy jack chain. Packed with screws to match.

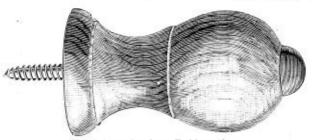
No. DA2066.—Antique copper finish, unpolished ... Per dozen \$ 6.80 No. OT2066.—Old brass finish, unpolished ... 6.80 One-half dozen in a box.



Cast iron case, 61/4x13% inches. With heavy chain. Packed with screws to match.

"STERUNG BRAIND FOR QUALITY STANDS"

## DOOR STOPS

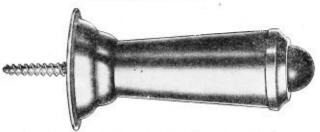


	ase knobs. Rubber			
No. 21/221/2-inch.	Maple	Per	gross	\$ 3.80
No. 33 -inch.	Maple		44	4.00
No. 3. —3 -inch. No. 12½.—2½-inch.	Walnut	64	4.6	4.50
ATA AR W lands	William Inches	44		5.50
No. 13. —3 -inch. No. 22½.—2½-inch.	Cherry	44	44	4.50
No. 13. —3 -inch. No. 22½.—2½-inch. No. 23. —3 -inch. No. 32½.—2½-inch. No. 33. —3 -inch.	Cherry	44	**	5.50
No. 321/2 21/2-inch.	Oak	44	4.6	4.50
No. 333 -inch.	Oak	44	***	5-50
One-	fourth gross in a box			



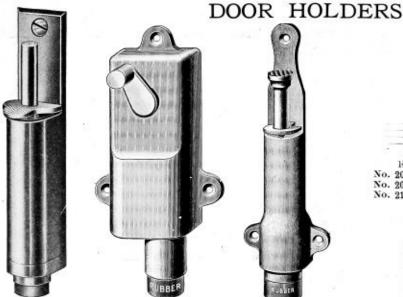


Champion metallic door stop. High pattern. For use on the floor. Complete with screws. No. 3615B.—Ant. cop. fin. Wrought bronze. Dozen. \$ 4.50 No. 3615C.—Old brass fin. Wrought brass. Dozen 4.50 One dozen in a box.



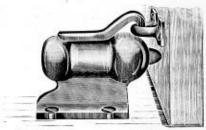
Champion metallic base knobs. Wrought steel. Can be screwed into hardwood without injury. Improved rubber button.

No. 3410B.—Antique copper finish ... Per dozen \$ 1.70 No. 3410C.—Old brass finish ...... " 1.70 One dozen in a box.



No. 301 No. DA4264 Nos. DA5234 and OT5234
No. 301.—Tuscan bronzed. Cast iron. Length closed 434 in.
With screws to match. Each in a carton .... Per dozen \$ 4.50
One dozen in a box.
No. DA4264.—Antique copper finish. Cast iron. Case 416x178

bolt 6 inches. With screws to match ...... Per dozen 12.00
One-half dozen in a box.

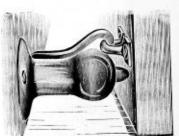


Ketch-On floor stops. With screws.

No. 200.—Plain iron finish ... Per doz. \$ 4.80

No. 205.—Antique copper fin. " " 9.00

No. 210.—Old brass finish ... " " 9.00



Ketch-On wall stops. With screws.

No. 100.—Plain iron finish ... Per doz. \$ 4-80

No. 105.—Antique copper fin. " " 9.00

No. 110.—Old brass finish ... " " 9.00

One dozen in a box.



### CHEST HANDLES



Chest	handles.	Ja	panned.
CHEST	nanures.	of all	panneu

Nos	310	311	312	313
Handle, inches.	31/4	31/2	4	43/4
Plate, inches 33	1/4×27/8	27/a×31/a	31/8×31/2	35/4×45/
Per doz. pairs :	8 1.30	1.85	2.20	3.15
One	-half de	zen nairs ir	a hov	



Nos. 31 and 32, one-half dozen pairs; others, one-fourth dozen pairs in a box.



Wrought steel. Handle 3½ inches. Plate ½x3½ inches. With screws to match.

No. DA2041.—Antique cop. fin. unpolished. Doz. prs. \$ 2.20

No. OT2041.—Old brass finish, unpolished. " 2.20

One-half dozen pairs in a box.



Wrought steel. Handle 3½ inches. Plate 3½x3¾ in. No. 1205. —Japanned . . . . . . Per doz. prs. \$ 3.30 No. 1205D2.—Antique copper finish . . . . . . . . . . . . . . . . . 6.20 One-half dozen pairs in a box.



Wrought steel. Handle 3½ inches. Plate 1½x2¾ in.
To swing both ways. With screws to match.
No. DA2051.—Antique cop. fin., unpolished Doz. prs. \$ 2.20
No. OT2051.—Old brass fin., unpolished... " 2.20
One-half dozen pairs in a box.

## FLUSH TRAP DOOR RINGS





## LIFTING HANDLES



No. 162 .- Cast iron. Japanned. Riveted. Length over all 41/8 in. Without screws. Per dozen pairs \$ 1.60 One dozen pairs in a box.



No. 4.-Cast brass, nat. color, highly pol. Handle 3 in. long. Complete with screws .... Per doz. prs. \$ 5.50 One dozen pairs in a box.



No. 1 .- Cast brass, natural color, highly polished. One dozen pairs in a box.



Cast brass, natural color, highly polished. To swing both ways and suitable for side or top. Complete with screws.

No. 5.—Inches	3	3½
Per doz. pairs	5.50	7.00

One dozen pairs in a box.

### FLUSH RINGS



Cast brass, natural color, screws to match.	highly	polished	l. With
No. 20.—Inches 1	1½	$\frac{11/4}{1.70}$	1½
Per dozen \$ 1.30	1.50		2.10
Cast brass, antique copper With screws to match.	finish,	highly	polished.
No. AB20.—Inches 1	11/8	11/4	1½
Per dozen \$ 1.60	1.80	2.00	2.40

Two dozen in a box.

### DRAWER PULLS



Wrought steel. Size 31/4x13/2 in. With screws to match. No. DA4436.—Antique copper finish.....Per gross \$ 6.80

	Wrought steel. Size 35/8x11/2 in. With screv	vs to ma	tch.
No.	OT4436Old brass finish		6.80
No.	DA4336 Antique copper finish Per	gross \$	8.90
No.	OT4336.—Old brass finish,	14	8.90
	One-sixth gross in a box.		



Wrought bronze. Antique copper finish, highly polished. With screws to match.

No.	AB4437P31/4x13/8	inches,	Per	gross \$ 16.30
No.	AB4337P.—35%x11/2	inches		19.70

Wrought brass. Old brass finish, polished. With screws to match.

No. OB4437	31/4×13/6 in	ches	Per	gross :	\$ 16.30
No. OB4337.—	-35/8×11/2 inc	hes			19.70



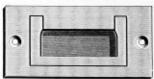
Wrought steel. Size 31/2x1 inch. With screws to match. No. AB3436 .- Antique cop. fin., highly pol. Gross \$ 8.10 No. OB3436 .- Old brass finish, polished ....

Wrought steel. Size 4x11/4 in. With screws to match. No. AB3336 .- Antique cop. fin., highly pol. Gross \$ 10.20 No. OB3336.—Old brass finish, polished .... " One-sixth gross in a box.



	Cast IIO	u. writin	ocieno i	LO II	iacci.	
No.	T1406Tuscan	bronzed.	31/4×11/4	in.	Per gross	\$ 5.80
No.	K1406Tokio	bronzed.	31/8×11/4	in.	16	11.00
No.	T1306.—Tuscan	bronzed.	31/2×13/4	in.	**	6.50
No.	K1306.—Tokio	bronzed.	31/2×13/2	in.	**	12.20
No.	T1206Tuscan	bronzed.	4x13/	in.	**	7.40
No.	K1206.—Tokio	bronzed.	4x13/8	in.	14	13-30
	One	sixth gre	oss in a	box		

### FLUSH HANDLES



Size 33/4x15/4 inches. With screws to match.

No.	AB64P	.—Cast	bronze.	Anti	que co	opper	finish,	
	highly	polishe	d		Per	dozen	pairs	\$ 19.00
No.	OB64.	-Cast	brass.	Old	brass	finish	, pol-	
	ished				Per	dozen	pairs	19.00
			half doz					

2.40



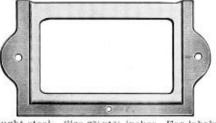
## LABEL DRAWER PULLS LABEL OR CARD PLATES



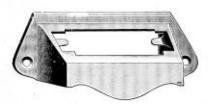
Cast iron. Size 41/8x15/8 inches. For labels 25/8x7/8 in. With screws to match. Labels can be slid in at the top after the pulls are screwed on.

No. AB345.—Antique cop. fin., highly polished. Doz. \$ 2.70
No. OB345.—Old brass finish, polished...... " 2.70

Two dozen in a box.



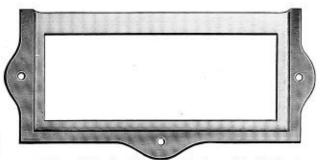
Wrought steel. Size 2%x1% inches. For labels  $1\frac{1}{2}x\frac{1}{6}$  inches. With nails to match.

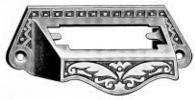


Cast iron. Size  $3\frac{1}{2}x1\frac{1}{2}$  in. For labels  $2x\frac{\pi}{8}$  in. With screws to match. Labels can be put in from the under side after the pulls are screwed on.

No. AB1586.—Antique copper fin. highly pol. Doz. \$ 2.00 No. OB1586.—Old brass finish, polished.... " 2.00

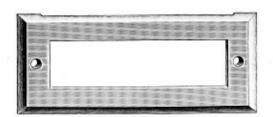
Two dozen in a box.





Cast iron. Size  $3\frac{1}{2}x1\frac{1}{2}$  inches. For labels  $2x\frac{9}{8}$  in. With screws to match. Labels can be put in from the under side after the pulls are screwed on.

Two dozen in a box.

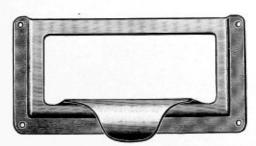


Cast iron. Size 23/4x11/8 inches. For labels 21/4x3/4 in. With screws to match.

No. AB421.—Antique copper finish, polished. Doz. \$ 1.00

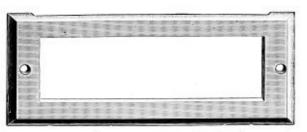
No. OB421.—Old brass finish, polished...... " 1.00

Two dozen in a box.



Wrought steel. Size 2%x1% in. For labels 2x% in. With nails to match. Labels can be slid in at the top after the pulls are put on.

Six dozen in a box.



Cast iron. Size 31/4 x11/4 inches. For labels 23/4 x7/8 in. With screws to match.

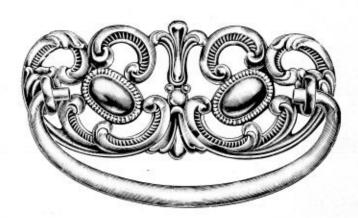
No. AB422.—Antique copper finish, polished. Doz. \$ 1.20 No. OB422.—Old brass finish, polished...... " 1 20 Cast iron. Size 3½x1½ inches. For labels 3x1½ in. With screws to match.

With all above, labels can be slid in at the top after the plate is on.





Six dozen in a box.

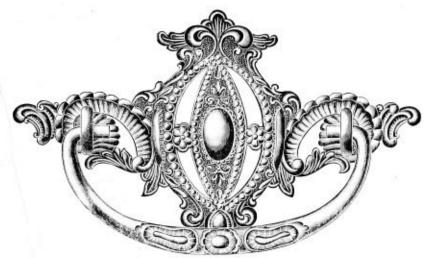


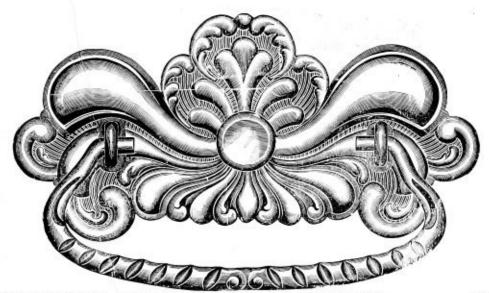


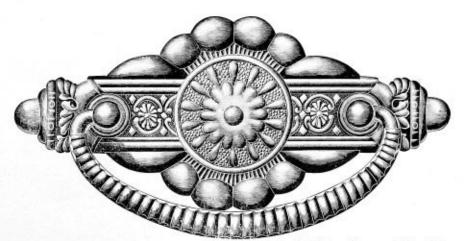
No. 1186. —Polished brass finish. Cast brass studs, plated handles, bolts and nuts. 3 in. between posts. Dozen \$ 1.20
No. 1186AC.—Antique copper finish. Cast brass studs, plated handles, bolts and nuts. 3 in. between posts. " 1.20

Six dozen in a box.





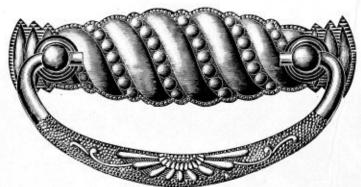




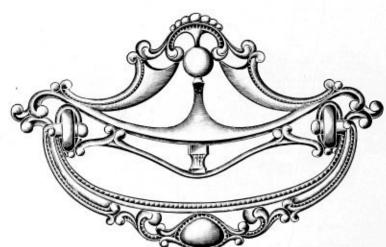




One dozen in a box.

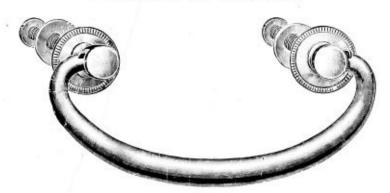


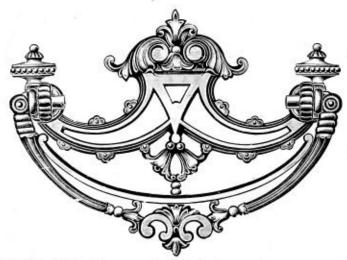
One dozen in a box.

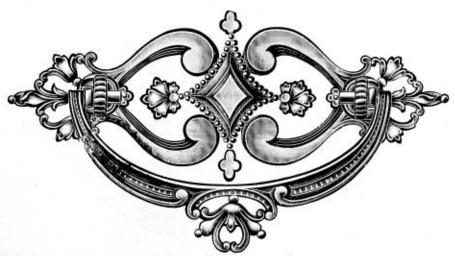


"STERUNG BRAND FOR QUALITY STANDS"

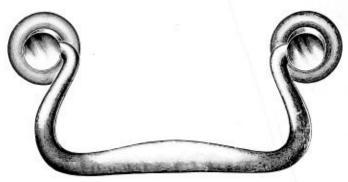




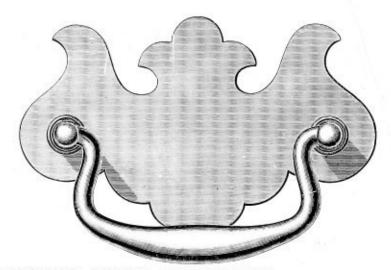




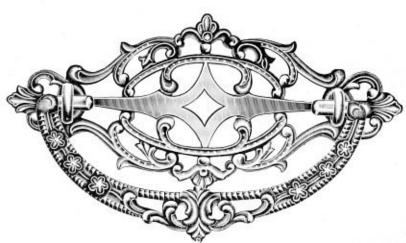
"STERUNG BRAND FOR QUALITY STANDS"



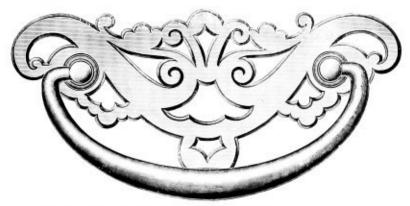
No. 5626. —Cast brass, polished. No. 5626AC.—Antique copper finish.				
	Two	dozen in a bo	x.	
No. 363AC.—Cast brass, antique cop No. 363OB.—Cast brass, old brass fi	nish. Cast studs.		een posts	



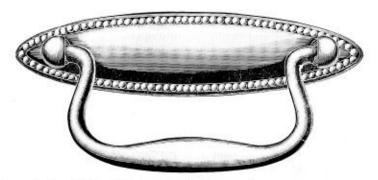
No. 349. —Wrought polished brass. No. 349AC.—Antique copper finish.	Solid studs. Solid studs.	3 inches between posts Per dozen \$ 3. 3 inches between posts 3.	50
	Oi	ne dozen in a box.	



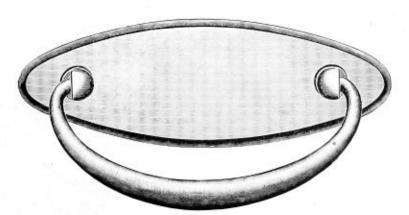




One dozen in a box.



One dozen in a box.



One dozen in a box.

## DROP PULLS, RINGS AND TURNS





Three dozen in a box.

Three dozen in a box.



No. 1441.—Polished wrought brass plate. Solid ring. Stud screw and nut....Per dozen \$ .80 Three dozen in a box.



Three dozen in a box.



No. 10039.—Cast brass, gilt finish. With cast brass plate, stud screw and nut...Per dozen \$ 1.80

Three dozen in a box.

### COMMODE TURNS

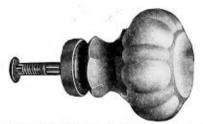


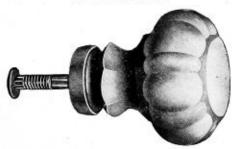
STERUNG BRAND FOR QUALITY STANDS"

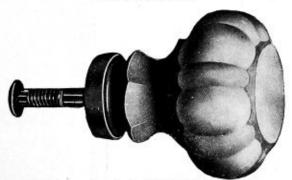


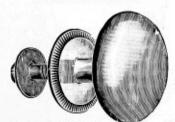
## DRAWER AND SHUTTER KNOBS



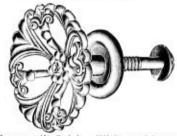








Cast metal.	Finely	finished. 1	With	machine	screv	V.
No. 711AC1	inch.	Antique co	pper :	fin. Per	doz. \$	-80
No. 7110B.—1	inch.	Old brass	finish		44	-80
No. 712AC11/6	inch.	Antique co	pper	fin.	44	1.00
No. 7120B 11/8		Old brass			44	1.00
No. 713AC 11/4	inch.	Antique co	pper	fin.	**	1.20
No. 7130B11/4	inch.	Old brass	finish		44	1.20
	Three	dozen in a	box			



	Cont have all fails with the	
	Cast brass, gilt finish. With machine screw. 707.—11/4-inch knob	
No.	708.—1½-inch knob	-80
	SMITTER STORY	
	SILLINE	
	50	



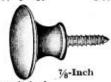
	Cast	brass	knob	and	base.	Gilt	finis	h. Wit	h machine
scr									
No.	1004	B.—In	ch,					11/4	11/2
		Pe	er doz	en			\$	1.40	1.60

	Three	dozen	in	a l	oox.
- America					
The state of the s					



_	1/6-Inch		•	%-inch
		Re-inforced and highly po		
No.	5666-	-Polished brass, inch	1/2	%
		Per dozen	\$ .70	.80
No.	5666AC.	-Ant. Cop. finish, inch	1/2	%
		Per dozen	\$ .80	1.00

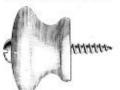




_		Re-inforced and highly polished.	
No.	5666.	-Polished brass, inch 3/4	7/8
		Per dozen \$ 1.00	1.20
No.	5666	AC.—Ant. Cop. finish, inch., 3/4	₹/8
		Per dozen \$ 1.20	1.75
		Twelve dozen in a box.	



No. AB174P.—Antique copper finish, highly polished. Cast bronze. 1-in. knob. Fast screw. Doz. \$4.00 One dozen in a box.



Porcelain shutter knobs. Round head, tinned screw.

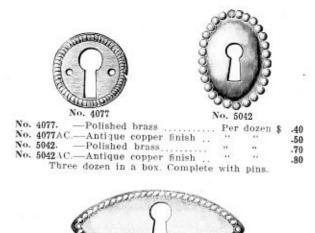
No. 15.—Inches,..... 34 7/8 1 11/4 11/2

Per gross... \$ 2.20 2.40 2.40 3.50 4.00

One-fourth gross in a box.

## CABINET HARDWARE

### **ESCUTCHEONS**



No. 5158. —Polished brass ...... Per dozen \$
No. 5158AC.—Antique copper finish ... "
Six dozen in a box. Complete with pins.



No.	5251.	-Polished	brass		Per	dozen \$	-66
No.	5251 AC	.—Antique	copper	finish	44	16	.70
	Twelve	e dozen in	a box.	Complete	wit	h pins.	



No.	10047.	-Polished	brass	finish.	Cast.	Per	doz.	\$ -84
No.	10047AC	.—Antique	copper	finish	. Cast	. "	**	-90
	Three	dozen in a	box.	Compl	ete w	ith 1	oins.	







Nos. 5252 and 5252AC	Nos. 5159 & 515	9AC Nos. 10037 and 10037AC
----------------------	-----------------	----------------------------

No. 5252. —Polished brass finish	Per	dozen	\$	.60
No. 5252AC. —Antique copper finish		6.6	100	.70
No. 5159. —Polished brass finish	**			-80
No. 5159AC. —Antique copper finish	**	**		.90
No. 10037. —Polished brass finish. Cast	44	16		.80
No. 10037AC.—Antique copper finish. Cast	**			.90
Six dozen in a box. Complete with pi				.90

## ESCUTCHEON PULLS



### BOX PULLS OR STATIONARY HANDLES



No. 6199.—Brass plated and polished.
Wrought steel. Length 2½ in. For
shelf boxes or light use. Per dozen \$ .50
Twelve dozen in a box.

Nos. 359 and 360

Vo.	359AC Antique copper	finish.	Length 3 in.	Cast	Doz.	\$ 1.26
vo.	3590 B.— Old brass finish.	Length	3 in Cast	Per	dozen	1.20
vo.	360AU.—Antique cop. fin.	Length	4 in. Cast	4.6	11	1.50
vo.	3600B.—Old brass finish.	Length	4 in Cast	**	44	1.50
vo.	4767. — Pol. brass finish.	Length	41/4 in. Cast	4.6	66	2.00
VO.	4767AC Ant. cop. fin.	Length	41% in Cast	41	44	9.40

No. 4767

Three dozen in a box. Complete with pins and screws.



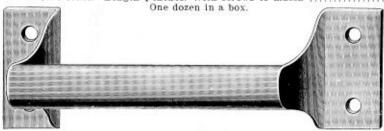
### DOOR PULLS







No. 02639.—Antique copper finish Cast iron. Length 4 inches. With screws to match. Per dozen \$ 1.20 No. 02637.—Old brass finish. Cast iron. Length 4 inches. With screws to match "1.20 No. 02650.—Antique copper finish. Cast bronze. Length 4 inches. With screws to match "3.50 No. 02634.—Natural finish, polished. Cast bronze. Length 4 inches. With screws to match "3.50 No. 02651.—Old brass finish. Cast brass. Length 4 inches. With screws to match "3.50 No. 02651.—Old brass finish. Cast brass. Length 4 inches. With screws to match "3.50 No. 02651.—Old brass finish. Cast brass. Length 4 inches. With screws to match "3.50 No. 02651.—Old brass finish. Cast brass. Length 4 inches. With screws to match "3.50 No. 02651.—Old brass finish. Cast brass. Length 4 inches. With screws to match "3.50 No. 02651.—Old brass finish. Cast brass. Length 4 inches. With screws to match "3.50 No. 02651.—Old brass finish. Cast brass. Length 4 inches. With screws to match "3.50 No. 02651.—Old brass finish. Cast brass. Length 4 inches. With screws to match "3.50 No. 02651.—Old brass finish. Cast brass. Length 4 inches. With screws to match "3.50 No. 02651.—Old brass finish. Cast brass. Length 4 inches. With screws to match "3.50 No. 02651.—Old brass finish. Cast brass. Length 4 inches. With screws to match "3.50 No. 02651.—Old brass finish. Cast brass. Length 4 inches. With screws to match "3.50 No. 02651.—Old brass finish. Cast brass. Length 4 inches. With screws to match "3.50 No. 02651.—Old brass finish. Cast brass. Length 4 inches. With screws to match "3.50 No. 02651.—Old brass finish. Cast brass. Length 4 inches. With screws to match "3.50 No. 02651.—Old brass finish. Cast brass. Length 4 inches. With screws to match "3.50 No. 02651.—Old brass finish. Cast brass. Length 4 inches. With screws to match "3.50 No. 02651.—Old brass finish. Cast brass. Length 4 inches. With screws to match "3.50 No. 02651.—Old brass finish. Cast brass. Length 4 inches. With screws to match "3.50 No. 02651.—Old brass finish. Cast brass. Cast brass. Cast bras



No. DA2405.—Antique copper finish. Wrought steel. Length 4% inches. With screws to match ...., Per dozen \$ 1.20 No. OT2405.—Old brass finish. Wrought steel. Length 4% inches. With screws to match ....... " " 1.20 One dozen in a box.





No. T1408A.—Tuscan bronzed. Cast iron. Length 4½ inches. With screws to match .................. Per dozen \$ .80



## WROUGHT STEEL BUTTS

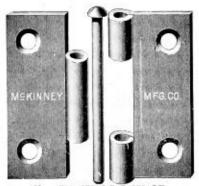




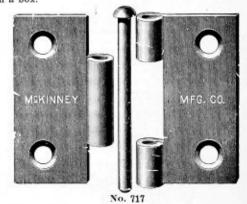
		No. 71

					d. Nar			2203		100	100	100	12	
No. 700	Inches	1	11/4	11/2	13/4	2	21/4	21/3	23/4	3	31/2	4	5	6
	Width open, inches		1 %		1 10	13/4	113	1%	278	21/8	218	27/8	33/8	41/8
	Size of screw	5	6	6	7	8	8	8	9	9	10	10	12	13
	Screw holes	4	4	4	4	4	6	6	6	6	6	8	8	8
	Per dozen pairs\$	-40	-50	-65	-80	-90	1.05	1.10	1.30	1.45	2.00	2-85	4.60	7.10
	4 inch and sma		one d	ozen;	larger,	one-h	alf do	zen p	airs in	a box				

	Polished steel.	Light narrow	butt	4.						
(No. 838.) V	nches Width open, inches Size of screw Screw holes Per dozen pairs	1 3 4 \$ .40	11/4 1 1/2 3 4 -50	1½ 1¼ 5 4 .65	1¾ 1 ½ 5 4 .80	2 1 % 6 4 .90	21/4 111 6 6 1.05	2½ 111 6 6 1.10	23/4 17/8 7 6 1-30	3 2 7 6 1.45
	One dozen	pairs in a box	х.							



Nos. 721, 2721AC & 2721OB



Polished steel. Light narrow loose pin butts. 1¾ 1¾ 21/4 11/6 ---Inches ..... 2 2½ 1¾ No. 721. 3 2 7 Width open, inches ...... 175 1,2 (No. 840.) 
 Size of screw
 5
 5

 Screw holes
 4
 4

 Per dozen pairs
 3.90
 1.00

 One dozen pairs in a box.
 6 6 4 6 6 1.00 1.10 1.80 1.25 Antique copper finish. Light narrow loose pin butts. Complete with screws. No. 2721AC.—Inches ..... 3 

Screw holes	6 1.90	6 2.40
Old brass finish. Light narrow loose pin butts. Complete with screws.		
No. 27210B.—Inches 2	21/2	3
(No. 286F.) Width open, inches	111	2
Size of screw 6	6	7
Screw holes	6	6
Per dozen pairs	1.90	2-40

	Polished steel. Light re	versible	loose pin b	utts.			
	—Inches		2x21/2	2x3	21/2×2	21/2×21/2	21/2×3
(No. 834.)	Size of screw	7	7	7	7	7	7
	Screw holes	4	4	4	6	6	6
	Per dozen pairs		1.50	1.70	1.60	1.80	2.20
	One dozen pa	irs in a	box.				

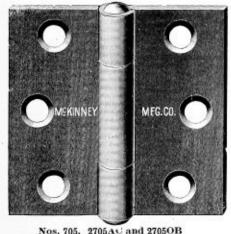


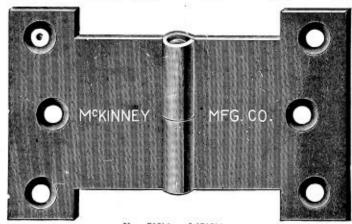
## WROUGHT STEEL BUTTS





						The second second	and the same of th
	No. 701			Nos. 71	5 and 2715		
	Polished steel.	Loose joint.	Narrow	Butts.			
No. 701	—Inches	2	21/4	21/2	3	31/4	4
(No. 802.)	Width, open, inches	15/4	13/4	17/2	21/6	21/4	8
	Size of screw	8	8	8	9	10	10
	Screw holes	4	6	6	6	6	8
	Per dozen pairs	\$ 1.40	1.55	1.70	2.10	3.20	3.90
These butts	s are handed. In ordering specify if right	or left wante	d. Can :	also furnish	Japanned.	Prices on app	lication
	Polished steel ligh	it Parliament	Loose P	in Butts.			
No. 715.—	Inches			21/2	3	31/2	4
	Size of screw			6	6	6	7
	Screw holes			6	6	6	7
	Per dozen pairs			\$ 1.60	1.90	2.10	2.40
	Bronzed steel light Parliamen	t Loose Pin 1	Butts. C	omplete wit	th screws.	*11 (T.C.)	
No. 2715.—	Inches			21/2	3	31/2	4
	Size of screw			6	6	7	7
	Screw holes			6	6	6	6
	Per dozen pairs			\$ 5.90	6.50	7.10	7.75





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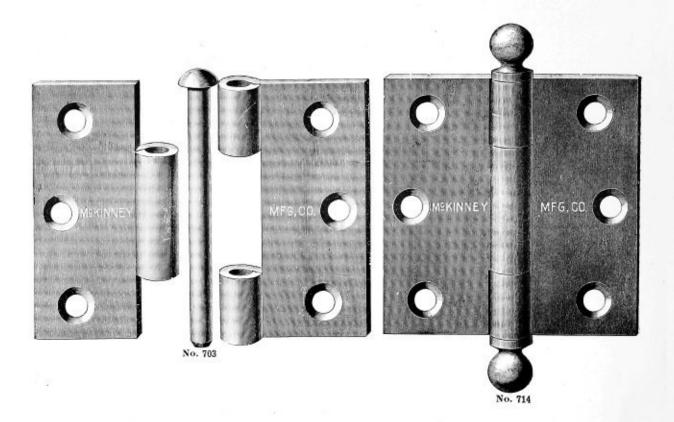
Nos. 7151/2 and 17151/2

		Poli	shed ste	el broad bu	itts. Fast	joint.			
No. 705	-Inches					21/4x2	21/2×21/2	3x21/2	3 X 3
(No. 808.)	Size of screw					8	8	9	9
	Screw holes						6	6	6
	Per dozen pairs					\$ 1.40	1.60	2.05	2.40
	Antique co	pper finish,	steel br	oad butts. H	ast joint.	Complete wi	th screws.		
No. 2705AC	-Inches						. 2½x2½	3x21/2	3×3
(No. 291D2.)								9	9
	Screw holes						6	6	6
	Per dozen pairs						\$ 2.65	2-85	3.40
	Old bras	s finish, ste	el broad	butts. Fas	t joint. Co	mplete with	screws.		
No. 27050B	-Inches						21/2×21/2	3x21/2	3×3
(No. 291F.)	Size of screw							9	9
	Screw holes							6	6
	Per dozen pairs						\$ 2.65	2.85	3.40
		Polished	l. Steel	Parliament	butts. Loc	ose joint.			
No. 7151/2	-Inches	21/2	3	31/2	4	41/2	5	51/2	6
(No. 830).	Size of screw	8	8	9	9	9	9	9	10
	Screw holes	6	6	6	6"	6	6	6	6
	Per dozen pairs \$	1.70	2.00	2-20	2.50	3-10	3.40	4.00	4.30
			d. Stee	l Parliament	butts. Lo	ose joint.			
No. 17151/2	-Inches	21/2	3	31/2	4	41/2	5	51/2	6
(No. 746).	Size of screws.	8	8	9	9	9	9	9	10
	Screw holes	6	6	6	6	6	6	6	6
	Per dozen pairs \$	2.90	3-30	3.50	3.90	4.60	5.00	5.60	6.00
	and the second second second second	All of	the ab	ove one doz	en pairs in	a box.			

"STERUNG BRAND FOR QUALITY STANDS"



## WROUGHT STEEL BUTTS



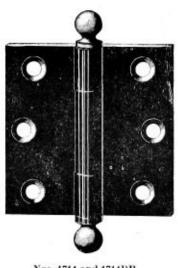
	Pet	lished Steel, Rev	aweible Lee	ea Pin Butte			
		V				2000000	
No. 703. — Inches		2x21/2	2x3	21/2×2	21/2×21/2	21/2×3	3x21/2
(No. 804.) Size of screw		7	7	8	8	8	9
Screw holes		4	4	6	6	6	6
Per dozen pairs .	\$ 1.40	1.50	1.70	1.60	1.80	2-20	2.40
No. 703 Inches	3x3	3x31/2	31/5×3	3½x3½	31/2×4	4×31/2	414
(No. 804.) Size of screw	9	9	10	10	10	10	10
Screw holes	6	6	6	6	6	8	8
Per dozen pairs .	\$ 2.60	3.00	3.60	3.80	4-30	4.60	4.70
No. 703. —Inches		4x4½	4½x4	41/2×41/2	5×5	5½x5½	6x6
(No. 804.) Size of screw		10	11	11	12	13	13
Screw holes		8	8	8	8	8	8
Per dozen pairs		\$ 4-80	5.30	5-90	7.70	9-60	11.40
	Po	lished Steel, Bal	l Tip Loos	se Pin Butts.			
No. 714. — Inches			2x2	2½x2	21/2×21/2	3x21/2	3x3
(No. 823.) Size of screw			7	8	8	9	9
Screw holes			4	6	6	6	6
Per dozen pairs			3.50	4 00	4.30	4.80	5.00
No. 714. —Inches			31/2×3	3½x3½	4x31/2	4×4	41/2×4
(No. 823.) Size of screw			10	10	10	10	11
Screw holes			6	6	8	8	8
Per dozen pairs			5.70	6.00	6-80	7-40	8.30
No. 714. —Inches				41/2141/2	5x5	51/2×51/2	6x6
(No. 823.) Size of screw				11	12	13	13
Screw holes	********			8	8	8	8
Per dozen pairs				\$ 8.90	11.40	14.50	16.70

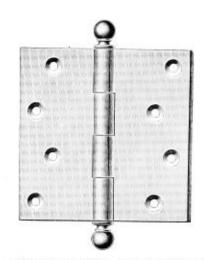
2x2 to 3x3, one dozen pairs: 3x31/2 to 5x5, one-half dozen pairs; balance one-fourth dozen pairs in a box.



## LOOSE PIN BUTTS







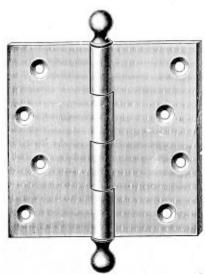
Nos. 1714 and 1714DB

Nos. 2714AC, 2714OB, 2718AC and 2718OB

	Japanned dead black finish. Wrought steel. Loose	pin. Ba	Il tips. Wit	th screws.		
No. 1722DB	—Inches 1½	13/4	2	21/4	21/2	3
(No. 760J1.)	Width open, inches 1/6	110	1 16	111	1 11	2
	Per dozen pairs\$ 2.80	2.90	3.10	3.40	3.80	4-25
	One dozen pairs in a l	oox.				
	Antique copper finish. Wrought steel. Loose	pin. Ball	tips. with so	rews.		
No. 2722AC	-Inches 1½	13/4	2	21/4	21/2	3
(No. 295D2.)	Width open, inches 175	175	1 %	114	114	2
	Per dozen pairs\$ 3.35	3.65	4.05	4.20	4.35	5-05
	One dozen pairs in a b	oox.				
	Old brass finish. Wrought steel. Loose pin.	Ball tips	. With ser	ews.		
No. 27220B	-Inches 1½	13/4	2	21/4	21/2	3
(No. 295F.)	Width open, inches 176	1 15	1 16	111	111	2
	Per dozen pairs \$ 3.35	3.65	4.05	4.20	4.35	5.05
	One dozen pairs in a b	oox.				
	Japanned finish. Wrought steel. Loose pin.	Ball tips.	Without s	crews.		
No. 1714	-Inches		3x3	31/2×3	31/2×31/2	4×4
(No. 731.)	Size of screw	. 8	9	10	10	10
	Screw holes,		6	6	6	8
	Per dozen pairs		3.50	3.80	4.00	5.00
	$2\frac{1}{3}x2\frac{1}{2}$ to 3x3, one dozen pairs; balance one-h	alf dozen	pairs in a l	ox.		
	Japanned dead black finish. Wrought steel. Loos					
	-Inches			3x3	31/2 x31/2	4×4
(No. 733.)	Per dozen pairs		\$ 4.40	5.20	6.00	7.40
	One-twelfth dozen pairs in	a box.				
2800.00	Antique copper finish. Wrought steel. Loose pi				50,250,025	2.02
	-Inches	3x3	31/2×31/2	4×4	41/2×41/2	5×5
(No. 241D2.)	Per pair\$ .37	-41	-45	<b>-</b> 56	.67	-85
	Old brass finish. Wrought steel. Loose pin.				110000111120	2012
No. 27140B		3x3	3½x3½	4×4	41/2×41/2	5x5
(No. 241F.)	Per pair\$ .37	-41	.45	-56	.67	-85
	21/2x21/2, three pairs; balance one	pair in a l	oox.			
	Antique copper finish. Wrought steel, light. Loose			h screws.		
No. 2718AC.—				2x2	$2\frac{1}{2}x2\frac{1}{2}$	3x3
(No. 289D2.)	Per dozen pairs			\$ 4.45	4.10	b-40
	Old brass finish. Wrought steel, light. Loose 1	oin. Bell	tins. With	screws		
No. 2718OB -	-Inches			2x2	21/2×21/2	3x3
	Per dozen pairs				4.70	5.45
2001.)	One-half dozen pairs in a			4 1.10	2.10	0.17
	One-nan dozen pairs in a	DOA.				

"STERUNG BRAND FOR QUALITY STANDS"

## LOOSE PIN BUTTS



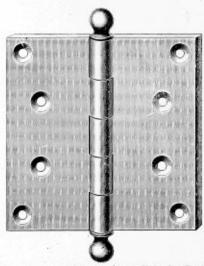
Antique copper finish, highly polished. Cast iron. Loose pin. Ball tips. With screws.

No. AB136.—Inches 2x2 2½x2½ 3x3 3½x3½ Per pair ...... \$ .50 .56 .62 .68

Old brass finish, polished. Cast iron. Loose pin. Ball tips. With screws.

No. OB136.—Inches 2x2  $2\frac{1}{2}x2\frac{1}{2}$  3x3  $3\frac{1}{2}x3\frac{1}{2}$ Per pair ......\$ .50 .56 .62 .68

One pair in a box; sixty pairs in a case.

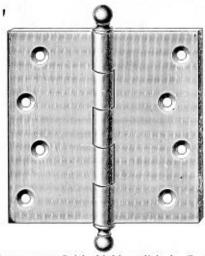


Antique copper finish, highly polished. Cast iron, extra heavy. Five knuckles. Loose pin. Ball tips. With screws.

Old brass finish, polished. Cast iron, extra heavy. Five knuckles. Loose pin. Ball tips. With screws.

No. OB1443.—Inches 4x4 4½x4½ 5x5 Per pair \$.95 1.05 1.30

One pair in a box.

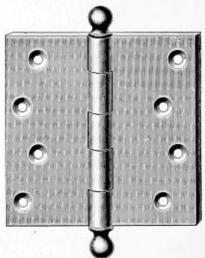


Antique copper finish, highly polished. Cast bronze. Five knuckles. Loose pin. Ball tips. With screws.

No. AB1542P.—Inches 2½x2½ Per pair \$2.00

Old brass finish, polished. Cast brass. Five knuckles. Loose pin. Ball tips. With screws.

One pair in a box.



Antique copper finish, highly polished. Wrought bronze, extra heavy. Steel bushed. Loose pin. Ball tips. With screws.

No. AB2541P.—Inches 3x3 3½x3½ 4x4 4½x4½ 5x5 Per pair .......\$ 2.35 2.65 3.20 4.00 4.84

Old brass finish. polished. Wrought brass, extra heavy. Steel bushed. Loose pin. Ball tips. With screws.

No. OB2541. —Inches 3x3 3½x3½ 4x4 4½x4½ 5x5 Per pair .......\$ 2.35 2.65 3.20 4.00 4.80

One pair in a box.

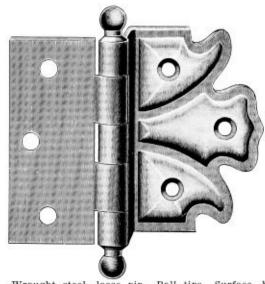
## BUTTS AND HINGES



Cast Iron. Loose Pin. Steeple Tips.

No. 142.—Inches	21/2 x21/2	3x3	3½x3	31/2×31/2	4x4
Size of screw		9	10	10	11
Screw holes	6	6	6	6	8
Per dozen pairs	\$ 1.35	1.75	2.15	2.35	2.90

3x3 and smaller, one dozen pairs; 31/2x3 and 4x4, onehalf dozen pairs in a box.



Wrought steel, loose pin. Ball tips. Surface, half mortise. Complete with screws. Inches

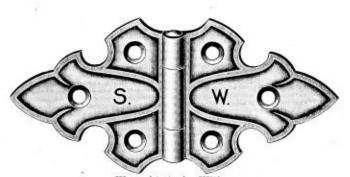
No. 2740AC (160D2).—Ant. cop. fin. \$.26 .30 .36 .40 .50 No. 2740OB (160F).—Old brass fin. .26 .30 .36 .40 .50 One pair in a box.



Wrought steel. With screws.

No. 2726AC (1478D2) .- Ant. copper fin. Dozen prs. \$ 2.40 No. 27260B (1478F ) .- Old brass finish. 2.40

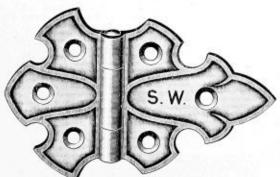
One dozen pairs in a box.



Wrought steel. With screws.

No. 2728AC (1482D2) .- Ant. copper fin. Dozen prs. \$ 2.40 No. 27280B (1482F ) .- Old brass finish. 2.40

One dozen pairs in a box.



Wrought steel. With screws.

No. 2727AC (1480D2) .- Ant. copper fin. Dozen prs. \$ 2.40

No. 27270B (1480F ) .- Old brass finish.

One dozen pairs in a box.



Wrought ornamental corrugated hinges. Complete with oval head screws. Length of joint 1% inches. Extreme width when open 37/8 inches. The corrugations about the joint greatly increase the strength.

No. 1417D2.-Wrought steel. Antique copper finish polished...... Per dozen pairs \$ 5.20

No. 1416. -Wrought brass, pol.

One-half dozen pairs in a box.

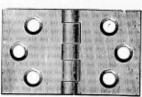
## BRASS BUTTS AND HINGES

WROUGHT BRASS BUTTS





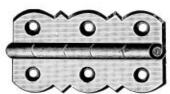




00	010	O					o	H	0	
Narrow	Middle		Broad					Desk		
	v	Vrought Na	Tow.							
Width open, inches Size of screw Screw holes	One		s	1/2 1/2 0 4 -24	3/4 5/8 2 4 .28	% % 2 4 -30	1 3/4 2 4 -32	11/4 3/4 3 4 .46	1½ ⅓s 4 4 -52	2 1 5 6 -80
		Wrought Mi	ddle							
Width open, inches Size of screw Screw holes	One	0	3/4 2 4 -30 in a box.	1 % 3 4 .38	11/4 7/8 4 4 -48	1½ 1 4 4 .60	13/4 11/8 5 6 .76	2 1½ 5 6 .92	2½ 1½ 6 6 1.70	3 1¾ 8 6 3.00
		Wrought Br	oad							
Width open, inches Size of screw Screw holes	One		s	1 3 4 .40	1¼ 1 4 4 .54	1½ 1¼ 5 4 .68	13/4 11/4 5 6 .84	13% 5 6 1.04	2½ 1¾ 6 6 2.00	3 8 6 3-50
		Wrought De	esk							
Width open, inches Size of screw Screw holes								1 1½ 4 6 \$ .60	11/4 11/8 4 6 .84	1½ 2 5 6 1.20



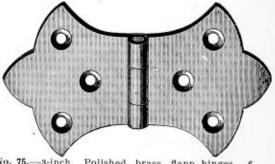
No. 76.—21/4-inch. Polished brass flap hinges. 6 screw holes for No. 5 screws.....Per dozen pairs \$ 1.30 Three dozen pairs in a box.



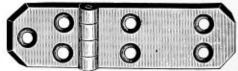
No. 40 .- 134x1 inch. Polished brass box hinges. 6 screw holes for No. 4 screws ..... Per dozen pairs \$ 1.50 Three dozen pairs in a box.



No. 22 -- 17/8 x5/8-inch. Polished brass box hinges. 5 holes for escutcheon pins ...... Per dozen pairs \$ .80 Three dozen pairs in a box.



5. 75.—3-inch. Polished brass flapp hinges. 6 screw holes for No. 6 screws.....Per dozen pairs \$ 1.80 Three dozen pairs in a box. No. 75 .-



No. 23.—2½x¾-inch. Polished brass strap hinges. 7 screw holes for No. 3 screws. Per dozen pairs \$ 2.00 One dozen pairs in a box.



No. 102 .- 23/4x1/2-inch. Polished brass strap hinges. 6 screw holes for No.2 screws....Per dozen pairs \$ 2.40 Three dozen pairs in a box.



## WROUGHT HINGES

### BRASS LIGHT STRAP



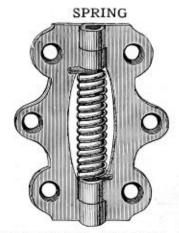
Wrought	brass	polished	light	strap	hinges.	With
brass screws.						
No. 18503 3	inches		I	er doz	en pairs	\$ 5.00
No. 18504 4	inches			46	14	6.00
300000 E3500 E50 = 10		dozen nai		a boy		1500



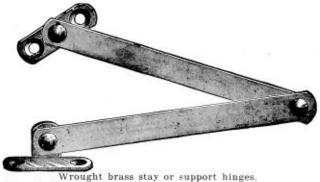
Wrought	brass polished light	T hinges.	With	brass
screws. No. 18543.—3	inches	Per dozen	naire	8 4 00
	inches One dozen pairs in	. "	н	5.00

### STEEL SHOW CASE





### STAY OR SUPPORT HINGES

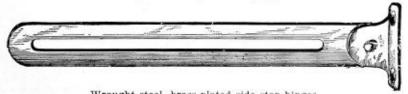


 No. 81.—3x3 inches.
 4 screw holes for No. 3 screws.
 Per dozen pairs \$ 3.6

 No. 82.—4x4 inches.
 4 screw holes for No. 3 screws.
 " " 4.0

 Ope dozen pairs in a box.

#### SIDE STOP HINGES



"STERUNG BRAND FOR QUALITY STANDS"

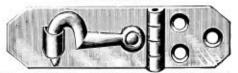
### HASPS

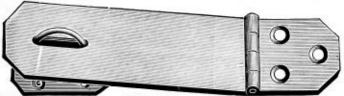


No. 802.—13/4x5/s-inch. Polished brass box hasps. 4 holes for escutcheon pins.....Per single dozen \$ .90 Three dozen in a box.









#### HASP-LOCK



No. 400. Brass hasp lock. 31/4x2 in. Highly pollshed. Four levers and cylinder with milled key bits and positive key changes. All attaching screws concealed when locked. Useful on tool chests, refrigerators, automobile boxes, etc. Two keys each. With screws. Per dozen

One-half dozen in a box.





No. 349C.—Wrought steel brass-plated basket hasp. Length of strap 2 inches; length of hasp 2 in. Packed with screws ..... Per single dozen \$ 1.56 One dozen in a box.



No. 830.—Cast brass highly polished hasp. 3-inch. Packed with screws to match. As shown in cut when the hasp is locked by padlock, the screws are protected. Single doz. \$ 8.00 One dozen in a box.

#### PAD LOCK EYES



No. 25.—Brass padlock eyes. Cast brass, highly polished. 2x21/4 in. Packed with screws......Per single dozen \$ 4.00 One dozen in a box.



## BRASS TRIMMINGS

### BOX CORNERS



No. 483.—1%x34 inches. Wrought polished brass, heavy. 5 screw holes for No. 6 screws. Per dozen \$ 1.80 One dozen in a box.



No. 482.—1%x1% inches. Wrought polished brass.
3 holes for No. 2 R. H. screws...........Per dozen \$ 1.50

One dozen in a box.





No. 480.—1½x5% inches. Wrought polished brass.

2 holes for escutcheon pins.......Per dozen \$ .80

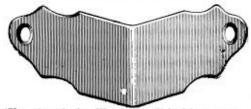
Three dozen in a box.

### CORNER BRACKETS



		Wil	ught	t bi	ras	88. C	oun	ters	un	k inside	е.		
No.	400.	- 3	6X1/6	in.	2	holes	for	No.	4	screws.	Doz.	3	60
No.	401.	-1	X1/2	in.	2	holes	for	No.	4	screws	64		.70
No.	4011/2	-11	4x1/2	in.	4	holes	for	No.	5	screws	64		.80
No.	402.	-2	X1/2	in.	4	holes	for	No.	5	screws	64		.90

### CORNER STRAPS

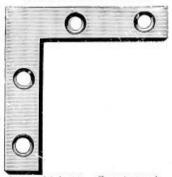


No. 475.—13/4x1 inch. Wrougue polished brass corner straps. 2 screw holes for No. 5 screws. Doz. \$ 1.50



Wrought	brass polished. Countersunk outside.	
No. 46611/4	inch. 4 screw holes for No. 3 screws.	
Per dozen	\$ -8	0
No. 46713/4	inch. 6 screw holes for No. 3 screws.	
		0

### CORNER PLATES



	Wi	oug	h	t brass	. Co	unte	rsur	ıĸ	. Per	de	ozen
No.	42111/4X1/4	in.	4	screw	holes	for	No.	3	screws.	8	-80
No.	4222 x1/2	in.	4	screw	holes	for	No.	4	screws.		1.00
No.	42321/2x5/8	in.	4	screw	holes	for	No.	5	screws.		1.20

### MENDING STRAPS



		tht brass				k. Per	do	zen
No. 41611								
No. 4172								.60
No. 4183	x1/2 in.	4 screw	holes	for	No.	5 screws		.70
No. 4194	x1/2 in.	4 screw	holes	for	No.	5 screws		.80
All	of the	above th	hree d	ozer	in	a box.		

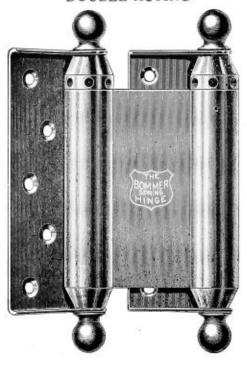
"STERUNG BRAND FOR QUALITY STANDS"

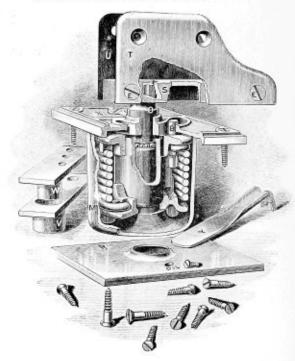


## BOMMER SPRING HINGES

DOUBLE ACTING







### BOMMER DOUBLE ACTING SPRING HINGES

Bommer Double Acting Spring Hinges. Planished steel. Complete with screws to match. The largest hinge that thickness of door will permit, should always be used.

Japanned. Nos. Length of flange, inches For doors, inches Per pair	3 3/4 to 1	30 4 % to 11/4 2-00	33 5 1½ to 1½ 2.50	36 6 1¼ to 1¾ 3.50	39 7 1% to 2 4.50	42 8 1½ to 2¼ 6.50	45 10 1¾ to 2½ 9.00
Antique copper finish. Nos Length of flange, inches For doors, inches Per pair	3 3/4 to 1	330MC 4 % to 1¼ 2-80	333MC 5 1½ to 1½ 3.50	336MC 6 1¼ to 1¾ 4.90	339MC 7 13% to 2 6.30	342MC 8 1½ to 2¼ 9.00	345MC 10 1¾ to2½ 12.40
Old brass finish. Nos Length of flange, inches For doors, inches Per pair	3 3/4 to 1	330DA 4 % to 1¼ 2.80	333DA 5 1½ to 1½ 3.50	336DA 6 1¼ to 1¾ 4.90	339DA 7 1% to 2 6-30	342DA 8 1½ to 2¼ 9.00	345DA 10 134 to 21/2 12.40

One pair in a box.

### BOMMER BALL BEARING FLOOR SPRING HINGES

Bommer Floor Spring Hinges. Ball bearing. Planished steel. Complete with screws to match.

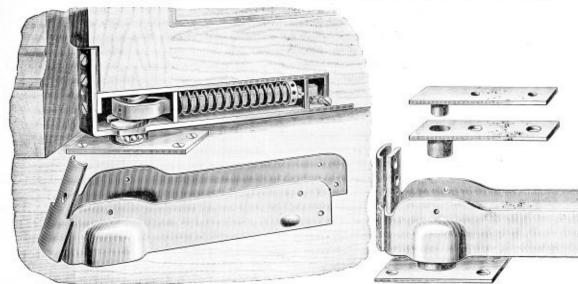
Japanned, dead black. Nos.         2           For doors, inches         % to 1½           Per set         \$ 2.35	4 1% to 2 2.90	6 2 to 2½ 3.50
Antique copper finish. Nos.         302MC           For doors, inches         % to 1½           Per set         \$ 3.15	304MC 1% to 2 3.80	306MC 2 to 21/2 4.55
Old brass finish. Nos.         302DA           For doors, inches         % to 1½           Per set         \$ 3.15	304DA 1% to 2	306DA 2 to 21/2 4.55

One set in a box. Complete with wrench.

Can be fitted with the greatest ease to doors of any thickness, by reason of the adjustable shoe. The spring power being adjustable, the door will close automatically from either side, slow or fast as desired. Balanced on raised center post, the ball bearing gives a remarkably easy motion to the door and is protected from dirt and water. Are very compact and require but little room.



### SARGENT FLOOR SPRING HINGES



Sargent noor spring tinge applied to door, side plate removed.

Sargent floor spring hinge, with top pivot.

Sargent adjustable surface floor spring hinge requires no mortising into the floor, but is secured to the surface of the floor. Wrought steel, ball bearing, hardened steel raceway.

The spring tension is adjustable and may be easily changed for doors of varying sizes or subject to different conditions of draft. The hinge is a holdback and the door may be held open at an angle of 95 degrees. The screw at the forward end of the hinge is for adjusting the alignment of the door—a feature that readily commends this to the user.

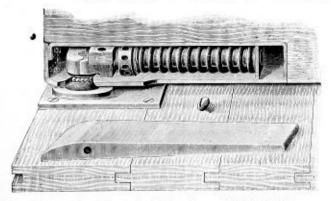
The side plates are large enough to cover the hinge entirely, as well as any small defects in notching the door for the hinge. The plate at the back of the door gives a finished appearance to the work.

Note the wide range in thickness of door-one size taking any size door from 11/8 to 2 inches in thickness.

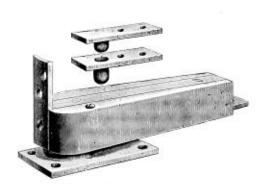
A set consists of hinge with side plates for bottom of door and pivots for top.

No.	4570.—Ivory black finish.	For doors 11/8 to 2 inches	Per set	\$ 3.30
No.	DA4570 Antique copper finish.	For doors 11/8 to 2 inches	"	4.20
No.	OT4570.—Old brass finish.	For doors 11/8 to 2 inches	"	4.20
		Complete with scrows One set in a how		

### SHELBY CHIEF FLOOR SPRING HINGES



Shelby Chief Hinge Applied to Door. Finished Plate Removed.



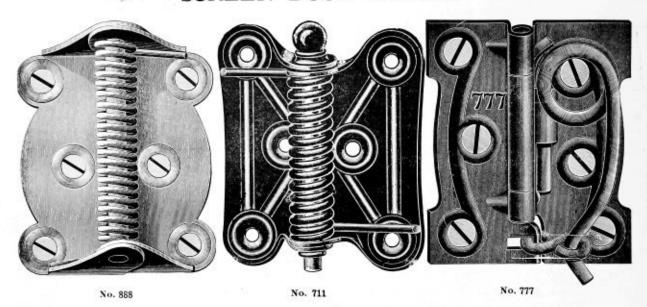
Shelby Chief Hinge.

Shelby chief ball bearing floor hinges do not require amortise cut into the floor, but are secured to the surface of the floor. Water cannot get to the working parts of the hinge and rust them out. No metal box required for concrete, cement or tile floors. Can be used where steel beams come near the surface of the floor. Tension of spring can be adjusted at any time after the door is hung.

be adjusted at any time after the door is hang.			
Japanned Steel, Nos.	F2	F4	F6
For doors, inches	11/8 to 11/2	13/4 to 2 3.50	21/4 to 3
Per set	\$ 2.80	3.50	6.10
Antique Copper Finish. Nos.		F44	F46 -
For doors, inches		13/4 to 2 4-55	21/4 to 3
Per set	. \$ 3.75	4-55	7.35
Old brass finish. Nos.	F15	F17	F19 -
For doors, inches	11/8 to 11/2	13/4 to 2	21/4 to 3
Per set	3 3.75	4.55	7.35

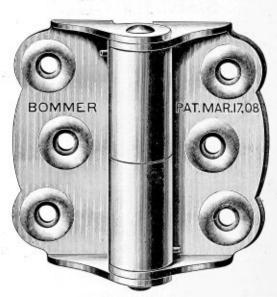
One set in a box.

## SCREEN DOOR HINGES



One-half dozen pairs in a box; 6 dozen pairs in a case.



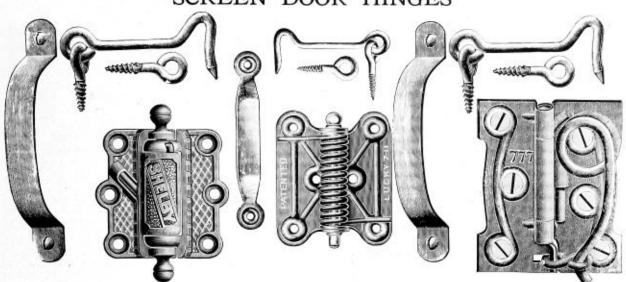


Bommer. Wrought steel. Non-holdback pattern-23/4x23/4 inches. Enclosed spring.

One dozen pairs in a box; twelve dozen pairs in a case.



## SCREEN DOOR HINGES



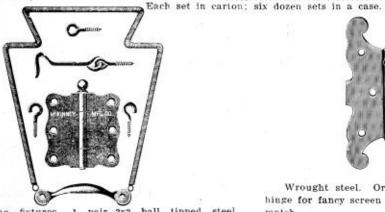
No. 700 No. 7110 No. 7110

No. 700.—Cast iron. Japanned finish. 3x23/4 inches. Holdback pattern. Covered spring. Complete with steel pull, hook and eye and screws. One set in a carton.

No. 7110.—Wrought steel. Japanned finish. ... Per dozen sets \$ 2.40 

2.70 and eye and screws. One set in a carton .

...... Per dozen sets 2.00



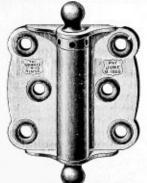
Keystone fixtures. 1 pair 3x3 ball tipped steel hinges; steel pull, spiral spring, hook and eye and screws for all. Each set in carton.

No. 1751. —Japanned ..... Per dozen sets \$ 3.00 No. 2751AC.—Ant. copper finish
No. 2751OB.—Old brass 4.00 Each set in a carton; six dozen sets in a case.

Wrought steel. Ornamental pattern. Holdback A hinge for fancy screen doors. Complete with screws to match.

No. DA2285.—Ant. copper finish. Per dozen pairs \$ 7.00 No. OT2285.-Old brass finish ... "

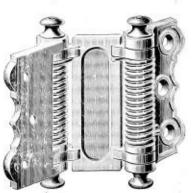
One-half dozen pairs in a box.



Bommer. Planished steel. 3x3 in. Complete with screws. No. 2100 .- Japanned. Per pair \$ .60 No. 2102 .- Ant. cop. . .. No. 2103 .- Old brass

One pair in a box.

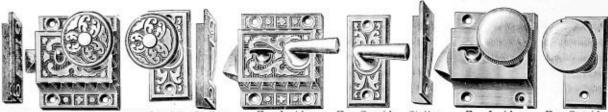
Bommer. Planished steel. heavy. 3x3 in. Adjustable tension. Complete with screws. No. 2002.—Ant. cop. Per pair \$ 1.30 No. 2003.—Old brass " 1.30 One pair in a box.



No. 1165 .- 3 inch. Japanned. Cast iron. Double actingswing both ways. Takes %-9 screws. Per doz. prs. \$ 5.30 One-half dozen pairs in a box.

"STERUNG BRAND FOR QUALITY STANDS

### SCREEN DOOR CATCHES



For Outside Strike Strike Inside No. T6440A

Inside No. T5561A

Outside Strike

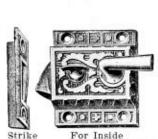
For Inside Nos. AB5462 and OB5462

No. T6440A .--Per dozen \$ 3.70 No. T5561A .--

No. AB5462. 11.00

Same general description as AB5462 except old brass finish, polished ..... Per dozen 11.00 No. OB5462.

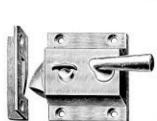
One-half dozen in a box.



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No. T5565A







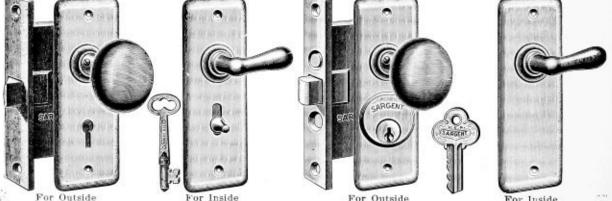


For Outside Nos. AB5464 and OB5464

No. T5565A.—Tuscan bronze cast iron. Size without strike  $2\frac{1}{4}x1\frac{7}{8}$  in. For doors  $\frac{7}{8}$  to  $1\frac{1}{4}$  in. thick. Diamond bolt, reverse bevel bent strike and knob and lever handle. Packed with screws. .. Per dozen \$ 3.80 No. AB5464.—Antique copper finish, highly polished, cast iron. Size without strike  $2\frac{1}{4}x1\frac{7}{8}$  in. For doors  $\frac{7}{8}$ to 1% in thick. Diamond bolt, reverse bevel bent strike with knob and lever handles. Packed ..... Per dozen with screws

No. OB5464.--Same general description as AB5464 except old brass finish, polished ...... One-half dozen in a box.

## SCREEN DOOR NIGHT LATCHES



For Inside Nos. AB5485 and OB5485

For Outside Nos. AB5867 and OB5867

No. AB5485.—Ant. cop. finish, highly polished, wrought steel. Escutcheons 4½x1½ in. Iron front 4½x3¼ in. Knob for outside, lever handle for inside. Operated from the outside by key and from both sides by knob and lever, both of which are set by slide stop. For doors ½ to 1½ in. thick. With 2 nickel-plated steel Packed with screws. ..... Per set \$ 1.60

keys. Packed with screws.

No. OB5485.—Same general description as AB5485 except old brass finish, polished. Per set

No. AB5867P—Ant. cop. finish, highly polished, wrought brouze. Escutcheous 4½x1½ in. Brouze front 4½x

¾ in. Knob for outside, lever handle for inside. Operated from the outside by key and from both sides by knob and lever. Outside knob set by stop in face. With rounded bolt for doors swinging either or both ways. For doors ¾ to 2 in. thick. With 3 gold-plated keys. Packed with screws

No. OB5867.—Same general description as AB5867P except old brass finish, polished.

Per set

One set in a box.



## DOOR SPRINGS, CORNERS AND BOLTS





refrect springs, wire, Japanned. Complete with uxtures for attaching.			
No. 51.—16 inches long, 1/4 inch in diameter, light, for screen doors	Per	dozen	\$ 1.25
No. 52.—16 inches long, S inch in diameter, medium	6.6	**	1.40
No. 53.—16 inches long, 14 inch in diameter, heavy	64	**	1.50
No. 54.—16 inches long, 10 inch in diameter, heavy	44	10	1.70

#### One dozen in a box VICTOR SPRINGS

Victor Springs. Coppered Spring Wire. Tension can be applied or released instantly.		
No. 170.—Length 9 inches, suitable for light screen doors	dozen ?	\$ 2.00
No. 171.—Length 10 inches, suitable for screen doors	44	2.50
No. 172.—Length 11 inches, suitable for medium doors		3.00
No. 173.—Length 12 inches, suitable for large doors		4.00
No. 174.—Length 13 inches, suitable for large doors	**	4.50
No. 176.—Length 14 inches, suitable for extra large doors,	44	6.00
Nos. 170, 171 and 172 one dozen; balance, one-half dozen in a box.		

### TORREY SPRINGS

#### SCREEN DOOR BOLTS CHAIN

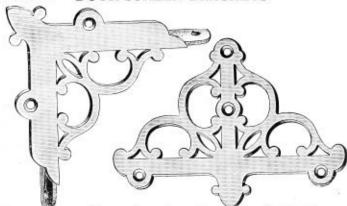
Nos. AB497 and OB497



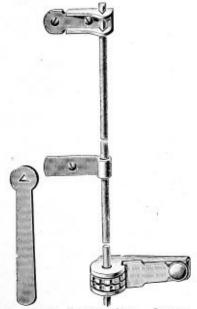
Nos. AB487 and OB487

One dozen in a box.

Above bolts will be found very desirable for use on light doors in general. DOOR SCREEN BRACKETS



Tuscan bronzed, cast iron. Four large cor-No. 202 .- - Door. ner brackets and two center pieces to a set. With screws to match . .... Per dozen sets \$ 6.50 One-fourth dozen sets in a box.



No. 2 .- Torrey Door springs. Japanned malleable iron, steel rod 38 in-Complete with screws. ches long. Per dozen One dozen in a box.

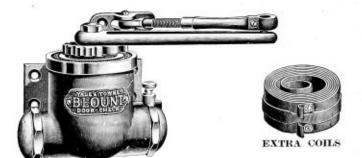
### WINDOW SCREEN CORNER BRACKETS

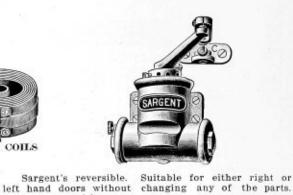


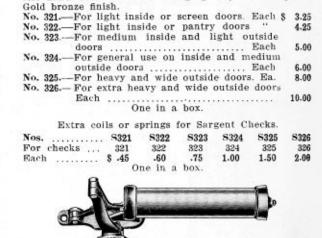
No. 90.—Window. Tuscan bronzed, cast iron. Four brackets to a set. With screws to match .......... Per dozen sets \$ 1.90 atch ..... Per dozen set One-half dozen sets in a box.

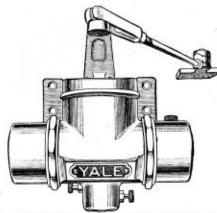


## DOOR SPRINGS AND CHECKS





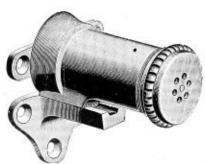




Larimer Combined Door Check and Spring. Reversible from right to left without changing spring. Gold No. B .- For medium inside or light outside doors

doors ..... Each 6.00 One in a box

No. 53.—Yale double acting check. Checking de-vice only to be used in connection with double acting spring hinges. The construction of the main arm bracket leaves the door free to swing in both directions One in a box..... Each \$ 7.00



No. 1653.-Each No. 1655.-For wide outside doors ...... Each

Eclipse Door Checks. Gold bronzed. Detachable foot. Can be applied to door or casing. One in a box. No. 1623.—11/2 inch cylinder, for ordinary doors. Each



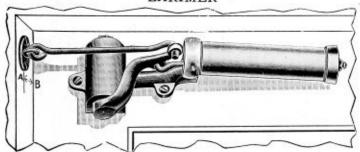
One in a box.

3.00



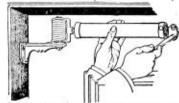
## DOOR SPRINGS AND CHECKS

LARIMER



No. AA.—Larimer check and spring. Heavy brass polished cylinder. Trimmings gold bronzed. Applied to the jamb side of the door and especially adapted to screen doors or any inside dwelling house door. The tension of the spring can be easily adjusted One in a box..... Each \$ 2.50

IMPROVED

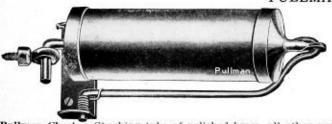


Improved door check and spring. Either right or left hand and can be used on either side of a door without change of bracket. Adjustable spring and adjustable check. Can be used where there is only a small space between the regular and screen doors. Designed especially for screen or very light doors. One in a box.

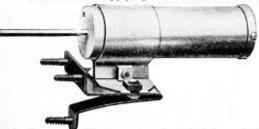
No. 4C.—Ant. copper finish ... Each \$ 2.00 No. 4B.—Polished brass finish ... " 2.00

Pullman

# DOOR CHECKS



GIBBS





No. 1.—No-slam. Rubber ball and nickel-plated trimming. An automatic check which can be applied to any screen door in connection with any door spring or spring hinge. Complete with screws. Per dozen \$ 4.00 One-half dozen in a box.



Title 1



Fig. 2



Fig. 3

One dozen in a display box.

"STERUNG BRAND FOR QUALITY STANDS"



## GATE LATCHES AND HINGES

No. 30. ST. LOUIS GATE LATCH

No. 15. SQUIRREL TAIL GATE LATCH







### No. 5. GATE LATCH





### No. 65. GATE LATCH



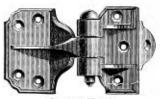
No. 65.—Gate latches. 8 in. long. Wrought steel bar and staple. Plain fin. For gates to swing one way. Per dozen

One dozen in a box.

#### No. 5. GATE HINGES







Lower Hinge

No. 5.—Gate hinges. Buffalo or Clark's pattern, reversible. Gray iron finish. One each, upper and lower hinge as illustrated make a pair. Will work on either right or left hand gates ..... Per dozen pairs \$ 3.50

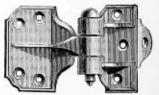
One-fourth dozen pairs in a box.

#### No. 55. GATE HINGES AND LATCHES.





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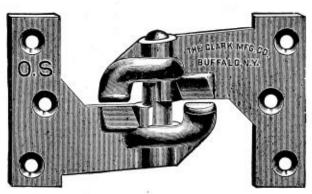


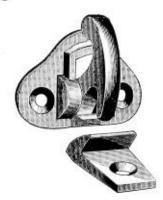
Lower Hinge

One-twelfth dozen sets in a box; three dozen sets in a case.



### SHUTTER HINGES





Lull & Porter old style Shutter Hinges. Gray iron finish. Complete with inside fastenings.

No. 21/235% inches	when	open.	Throws blind 2	inches fro	m casing	 Per dozen	pairs \$	2.25
No. 2. $-4\frac{1}{2}$ inches	when	open.	Throws blind 21/2	inches fro	m casing	 11	11	2.60
No. 11/2.—5 inches	when	open.	Throws blind 3	inches fro	m casing	 		2.80
No. 1. $-5\frac{1}{2}$ inches	when	open.	Throws blind 31/2	inches fro	m casing	 **	**	3.00

Nos. 21/2 and 2, two-thirds dozen pairs; Nos. 11/2 and 1, one-half dozen pairs in a box; eight dozen pairs in a case.

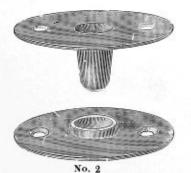
## BLIND HINGES





One-half dozen sets in a box; six dozen sets in a case.

## PORCH POST IRONS





 No. 2.—Porch Post Irons. Japanned. Size 2x3% inches
 Per dozen \$ 1.50

 No. 1.—Porch Post Irons. Japanned. Size 2x5½ inches
 " " 1.20

STERUNG BRAND FOR QUALITY STANDS"



# WROUGHT STEEL HINGES

LIGHT STRAP HINGES

		-						
O ME	KINNEY,	0	MFG CO.		0			
No. 800.—Inches       3         Size of screw       6         Screw holes       6         Per dozen pairs       \$ -80	4 7 6 5 1.10 1	5 6 8 9 8 8 1.35 1.70	7 10 8 2.10	8 10 8 2-40	10 10 8 3.30	12 11 8 4.90	14 12 10 6-40	16 12 10 7.90
1	HEAVY ST	RAP HIN	IGES					
0 0	MSKINNEY O	MFG O	) ,co. (	)	0	)		
No. 803.—Inches Size of screw Screw holes Per dozen pairs		4 5 9 9 6 8 1.60 2.15	6 11 8 2-80	8 12 8 4.50	10 13 8 6-80	12 14 10 10-40	14 16 10 12.20	16 16 10 14-00
O	LIGHT	T HING	ES					
•	C	MIN MAEA WED ED!		0				
0	IJ						10	14
No. 805.—Inches	6	4 7 6 -80	5 8 7 1.00	6 8 7 1.20	8 9 7 1.50	10 10 8 2-20	12 11 8 3.00	14 12 9 3-90
O	HEA	VY T HIM	NGES		7			
	0	MI TAKEY ME		0)				
O	1							
No. 807.—Inches Size of screw Screw holes	8	5 8 7	6 9 7	8 10 7	10 11 8 2.30	12 12 8 3.20	14 13 9 4.45	16 14 9 5.40
Per dozen pairs		1.05 RA HEAV	1.25 Y T H	1.55 INGES		0.20	1.10	
9								
0	1 0		7100000	THE STREET				
O	0	ME100 <b>O</b>			,			
0								
No. 809.—Inches Size of screw Screw holes Per dozen pairs	9 6 \$ 1.80	5 10 8 2.45	6 11 8 3.00	8 13 8 5.00	10 14 9 7.40	12 14 10 10.70	14 16 10 11.80	16 16 10 12-60
"STEP!	UNG BRAND	FOR QUAL	UTY STA	7\2 <b>5</b> "				



## HASPS AND HINGES

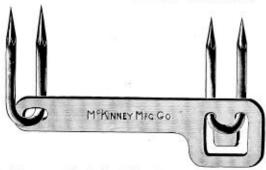
### HINGE HASPS



Wrought	steel.	Plain	finish.	With	plate	staples.	
---------	--------	-------	---------	------	-------	----------	--

No. 813.—Inches	3	4	6	8	10	12
Size of screw	6	7	9	10	10	12
Screw boles	7	7	8	8	8	8
Per single dozen \$	-50	.60	-80	1.05	1.50	2.10

### PERFECT HASPS AND STAPLES

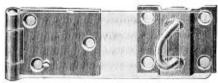


Perfect hasps and staples. Wrought steel. Can be used on right or left hand doors and operated with one hand. Cannot be opened accidentally as the weight of head and shape of slot hold it securely in place. Can also be used with padlock.

No. 850.—Inches 8	10
Per single dozen\$1.10	2.00

One dozen in a box.

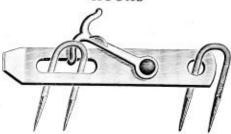
### SAFETY HASPS



Wrought steel. With concealed screw holes rendering it impossible to take hasp off when locked. Movable staple takes care of sbrinkage of door without resetting the plate.

o. 915.—Inches	3	41/2	6
Size of screw	7	7	9
Screw holes	7	7	8
Per single dozen 3		1.80	2.40
One dozen in	a box.		

### HASPS AND STAPLES WITH HOOKS



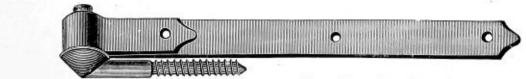
Wrought steel hasps and staples with hooks. Plain finish. Complete with 2 staples to each hasp.

No. 30	-Inches				8	10
Per	dozen ,			\$1.40	1.80	2.50
	One	dozen	in	a box.		

### TRAP DOOR HASP AND STAPLE



#### SCREW HOOK AND STRAP HINGES



No. 821.—Inches 6 8 10 12 14 16 18 20 22 24 30 36 Average Wt. per pr., lbs. 2  $2\frac{1}{2}$  3 $\frac{3}{4}$  4  $6\frac{1}{2}$  6 $\frac{3}{4}$  8  $8\frac{1}{2}$  15 16 25 37 Per pound ... \$.09 .09 .09 .09 .08 $\frac{1}{2}$  .08 $\frac{1}{2}$  .08 $\frac{1}{2}$  .08 $\frac{1}{2}$  .08 .08 .08 .08 .08

STERUNG BRAND FOR QUALITY STANDS"



## EYE BOLTS AND HOOKS







Nos. 120 and 122

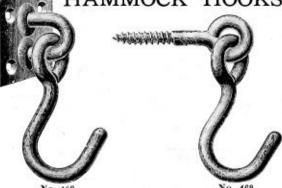
Nos. 100 and 102

Nos. 81 and 101

Wrought steel screw hooks.				
Size of rod, inches Length over all inches No. 120 Plain Per dozen	1/4 41/4 \$ -80	15 4½ .90	3/8 47/8 1.00	1/2 6 1-80
No. 122 Galvanized	1.20	1.35	1.50	2-80
Wrought steel eye bolts.	2000	8250.85		
Size of rod, inches	1/4	26	3/8 4 <sup>1</sup> / <sub>2</sub> 7/8	1/2
Length over all, inches	33/4	4	41/2	53/4
Size inside eye, inches		3/4	7/8	11/8
No. 100 Plain	\$ .90	1.20	1.40	2.50
No. 102 Galvanized "	1.30	1.70	2.00	3.40
Above one dozen in a box.				
Wrought steel eye bolts with nut.	Plain.			
Length over all, inches	4	5	6	8
No. 81.—3% in. rod. % in. eye		2.80	3.10	
No. 101.—1/2 in. rod. 11/2 in. eye		3.20	3.60	4.00
No. 81, one dozen; No. 101, one-half doz	en in a box			

## HAMMOCK HOOKS





No. 458 No. 468 -Wrought, with plate and 3/8-in. hook.

Extra heavy. Tinned ..... Per dozen \$ 1.00

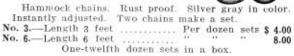
-Wrought, with screw and 3/8-in. hook.

Extra heavy. Tinned ..... Per dozen 1.00

One dozen in a box.

## HAMMOCK CHAINS



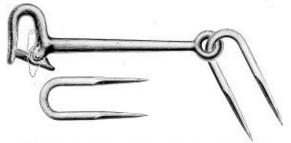




No. 208.—Rustproof. Leader 5 ft. No. 2/0 chain; each branch 3 ft. No. 0 chain. With S hook for adjusting and anchors for fastening. 2 complete chains make a set ..... Per dozen sets \$ 15.00 No. 20.—Brown. Heavily galvanized. No. 2/0 chain. Complete with hooks. Each 8 feet long, 4 chains make a set. .... Per dozen sets \$ 24.00 One-twelfth dozen sets in a box.



### HOOKS AND STAPLES



Safety gate hooks. Tinned malleable hook and tinned steel staples.

14.00

17.00

One-sixth gross in a box.



Wrought hooks and staples. Plain finish.

No. 10.—Inches ... 3 Per gross ... \$ 8.00

10.00

12.00 14.00 25.00

8 inch, one-sixth gross; others, one-fourth gross in a box.

## HITCHING RINGS



No. 5 .- Hitching rings. Wrought steel screw and malleable ring. Diameter of ring 2 in. Plain finish ...... Per dozen \$ 1.10

One dozen in a box.



No. 27 .- Hitching rings. Wrought steel screw and ring. Diameter of ring 21/2 in. Galvanized finish ...... Per dozen \$ 1.90

One dozen in a box.



Wrought hooks and staples. Extra heavy. Plain finish.

No. 110.—Inches .....

Per gross ..... \$ 16.00

One-fourth gross in a box.



Wrought steel screw and ring. Solid forged eye. Diameter of ring 21/2 inches. .

No. 15 .- Plain finish ..... Per dozen \$ 1.55 No. 17 .- Galvanized finish

One dozen in a box.

## TRAP DOOR RINGS AND STAPLES



Wrought steel trap door rings and staples. Plain finish.

One-fourth gross in a box.



No. 245 .- Hitching rings. Wrought steel plate and ring. Diameter of ring 21/2 inches. Plain finish ...... Per dozen \$ 1.75

One dozen in a box.

19.00

19.00



## WROUGHT STAPLES AND HOOKS

WROUGHT STAPLES





Wrought Steel Staples. Plain finish,

13/4  $1\frac{1}{4}$   $1\frac{1}{2}$  1.20 1.251 No. 5.— Inches ..... 8.00 2.35 3.20 3.70 5.25 6.50 .....\$ 1.20 1.70 1.50 Per gross ...... 21/2 and smaller, one gross: 3, 31/2 and 4, one-half gross; 41/2 and 5, one-fourth gross in a box.





ller—round steel. Style of 4 inch and larger—square steel. Wrought steel awning hooks. Plain finish. Style of 31/2 inch and smaller-round steel.

2 2½ 2.80 4.00 1½ 2.20 4.00 Per gross ...... \$ 2.00

5.00 6.00

11.00 9.00

13.00

One-half gross in a box.

### LINE CLEATS



Line cleats. Malleable iron. 

Line cleats. Malleable iron. 



## MEAT HOOKS



Tinned Wrought Steel to Screw in. No. 21.—1¾ in. high, ¼ inch steel ... Per gross \$ 9.00
No. 22.—2 in. high, ¼ inch steel ... " " 11.00
No. 23.—2½ in. high, ¼ inch steel ... " " 16.00
No. 24.—2¾ in. high, ¾ inch steel ... " " 21.00
No. 24.—2½ in. high, ¾ inch steel ... " " 21.00
No. 24. one-fourth gross; others, one-half gross in a box.

Tinned Wrought Steel to Drive.

No. 12.—23% in. high,  $\frac{1}{2}$ 4 inch steel ... Per gross \$ 11.00

No. 13.—2 $\frac{1}{2}$ 5 in. high,  $\frac{2}{3}$ 7 inch steel ... ... ... ... 16.00

No. 14.—2 $\frac{3}{4}$ 4 in. high,  $\frac{3}{8}$ 5 inch steel ... ... ... ... 21.00

No. 14, one-fourth gross; others, one-half gross in a box.



Tinned wrought steel bar hooks. No. 200.—For  $\frac{1}{2}$  in. bar,  $\frac{1}{16}$  in. sq. steel. Per gro. \$38.00 No. 201.—For  $\frac{1}{1}$  in. bar,  $\frac{1}{16}$  in. sq. steel "38.00 No. 215.—For 2 in. bar, 3/8 in. sq. steel No. 235.—For 2 in. bar, 1/2 in. sq. steel 45.00 67.00 Nos. 200 and 201, one-fourth gross; No. 215, one-sixth

gross; No. 235, one-twelfth gross in a box.



Tinned Wrought Steel "S" Hooks. 51/4 4% Length, inches 4 Diameter ..... 1/4 6 Diameter ..... .90 .60 Per dozen .....\$ .50



## REFRIGERATOR HINGES AND FASTENERS

REFRIGERATOR HINGES

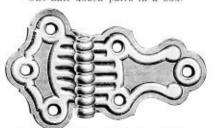
81/2

17.20









No. 1409.—Wrought steel polished and bronzed. 2%x4% in., over all. With % inch offset. Complete with screws. Per doz. prs. \$5.00 One-half dozen pairs in a box.

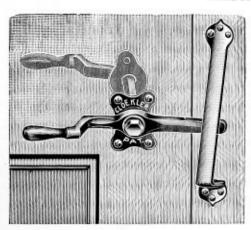
#### REFRIGERATOR LATCHES





No. 857.—Cast brass, highly polished. Size without strike 134x134 in. Strike has 36 in. offset. Complete with screws. . . . . . . . Per dozen \$ 9.00 One-half dozen in a box.

## REFRIGERATOR FASTENERS



Nos. 0 and 00



Nos. 1, 2 and 3

Gloekler's refrigerator door fastener. Will close the door tight and force it open. Nos. 1, 2 and 3 operate on outside only, while Nos. 0 and 00 operate inside as well asoutside. Can be used on right or left hand doors. Malleable iron, tinned. Complete with screws.

No. 0.—For large heavy doors, 10 inch thick and less. Length of lever, 16 inches. Weight 8½ pounds. Each \$ 2.25
No. 00.—For small light door, 6 inches thick and less. Length of lever, 13 inches. Weight 5 pounds. "1.50
No. 1.—For large door. Length of lever 14 inches. Weight, 5 pounds "1.50
No. 2.—For medium door. Length of lever 11 inches. Weight, 2¾ pounds "1.00
No. 3.—For small door. Length of lever 8½ inches. Weight, 1½ pounds "65

STERUNG BRAND FOR QUALITY STANDS



## BRIGHT WIRE SCREW EYES

Cuts are full size. Price per gross.









No. 0 \$ 16.00

No. 1 13.00

No. 2 11.00

No. 3 9.00



No. 4 \$ 7.00



No. 5 5.80



No. 6 4.50



No. 7 3.80



No. 8 3.30



No. 9 \$ 2.80



No. 10 2-50



No. 11 2.00



No. 12 1.70



No. 13 1.50



No. 14 1.50

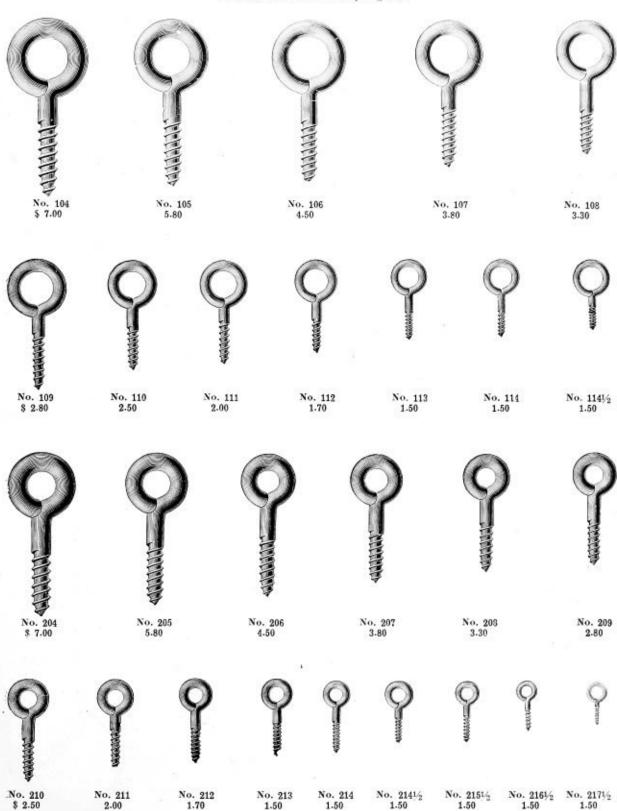
Nos. 0 to 5, one-half gross; other numbers, one gross in a box.

STERUNG BRAND FOR QUALITY STANDS"

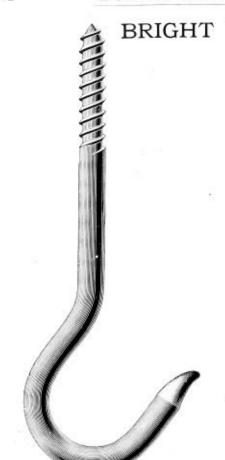


## BRIGHT WIRE SCREW EYES

Cuts are full size. Price per gross.



One gross in a box.



BRIGHT WIRE SCREW HOOKS

No. 800

... Per gross \$ 21.00 No. 801. .....

.. Per gross \$ 18.00



No. 802 ..... Per gross \$ 15.00



No. 803 ...... Per gross \$ 12.50 One-half gross in a box.

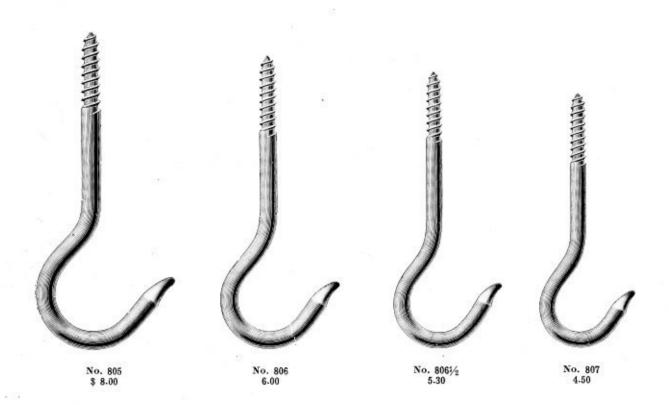
No. 804 ..... Per gross \$ 10.00

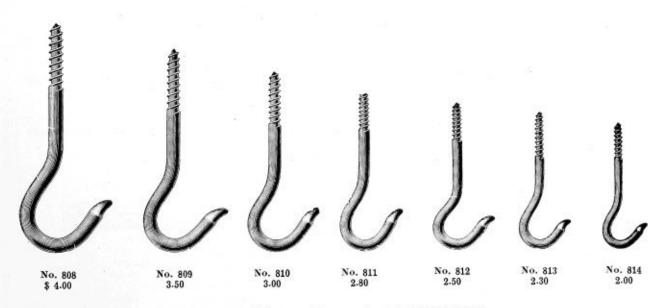
STERUNG BRAND FOR QUALITY STANDS"



## BRIGHT WIRE SCREW HOOKS

Cuts are Full Size. Price Per Gross.





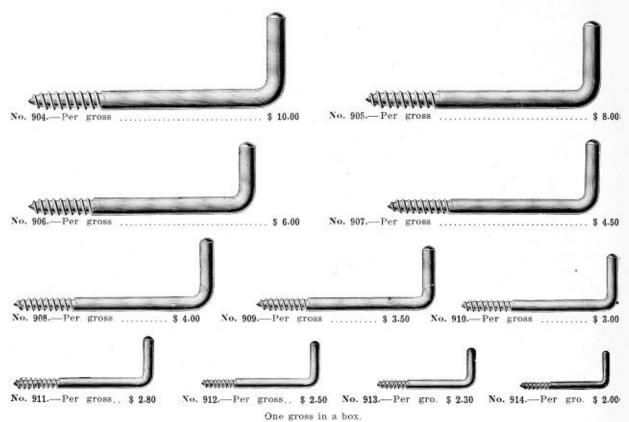
No. 805, one-half gross; other numbers one gross in a box.

"STERUNG BRAIND FOR QUALITY STANDS"



### BRIGHT WIRE SCREW HOOKS

Cuts are Full Size



## WIRE HOOKS AND EYES



Full Size of 21/2 Inch

Bright Steel Wire Gate Hooks and Eyes.

Brass wire gate hooks and eyes.

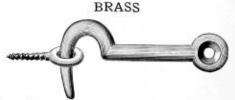
One-half gross in a box.



Brass hooks and eyes. Double convex. Suitable for either right or left hand.

No. 61.—Inch ....... 3/4 1 11/4 11/2 Per gross .... \$ 2.50 2.75 3.00 3.25

One gross in a box.



Heavy Brass hooks and eyes. Double convex. Suitable for either right or left hand.

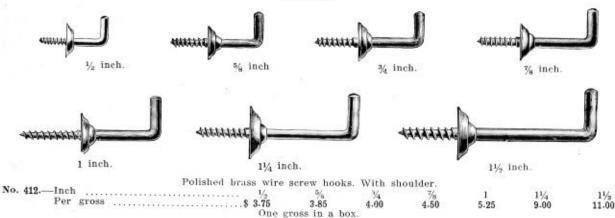
One gross in a box.

STERUNG BRAND FOR QUALITY STANDS"

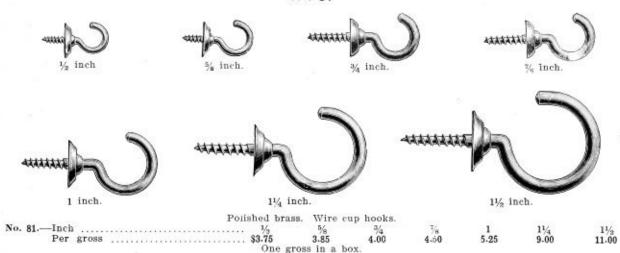


## BRASS SCREW HOOKS

No. 412



# BRASS CUP HOOKS



#### BRASS DESK HOOKS

#### BRASS TELEGRAPH HOOKS



No. 2000.—-Polished brass wire desk hooks. Illustration is full size ....... Per gross \$ 4.40

One-half gross in a box.



No. 2001.—Polished brass wire telegraph hooks.

Illustration is full size ..... Per gross \$ 4.40

One-half gross in a box.

#### KITCHEN HOOKS



No. B466.—Brass-plated steel wire kitchen hooks. Illustration is full size...........Per gross \$ 2.10 One gross in a box.

"STERUNG BRAND FOR QUALITY STANDS"

## CHANDELIER HOOKS





	74.—Wrot 84.—Wrot						projection. projection	Per	dozen s	.70
	2Cast						projection	44	**	.70
No.	22.—Cast	iron,	Gal				projection	44	66	.90
			T	wo do	zen	in a	hov			

CLOTHES LINE HOOKS



Cast iron. Tuscan bronzed. With base and steel screw.

No. T450.—Inches	21/2	4
Per dozen	\$ 1.20	1.50
One dozen in a	hov	





Nos. 12 and 32 Nos. 3 and 23 No. 3. —Cast iron, Jap. 2 in. projection. ..... Per dozen § No. 23.—Cast iron, Gal. 2 in. projection ..... "

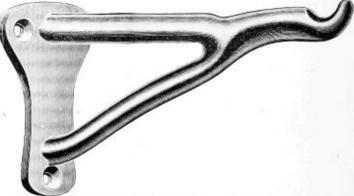
No. 12.—Cast iron, Jap. 21/8 in. projection. Steel screw "
No. 32.—Cast iron, Gal. 21/8 in. projection. Steel screw "
Two dozen in a box. .70 .90 .80 -90

## BAGGAGE HOOKS

No. 9 .- Baggage or harness hooks. Cast iron. Japanned. 51/2 inch projection Per dozen \$ 1.50

Two dozen in a box.

FIRE PAIL HOOKS



100.—Cast iron, extra heavy. Japanned. 71/2 in. projection. Useful about mills, factories or ware houses. Dozen \$ 3.00 One dozen in a box.

Cast iron. Tuscan bronzed, Grecian pattern. With base and steel screw.

No. 240	-Inches	3	4
	Per dozen		1.80
	One dozen in	n beer	

One dozen in a box.

The size given on chandelier hooks is the length of the screw.



### HARNESS OR STORE RACK HOOKS

3.50

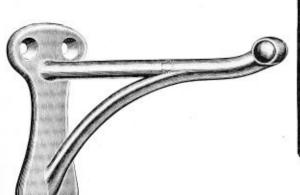




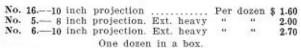
One dozen in a box.

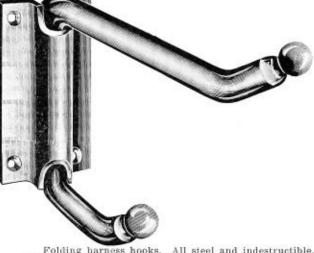
screws ...... Per dozen

One dozen in a box.

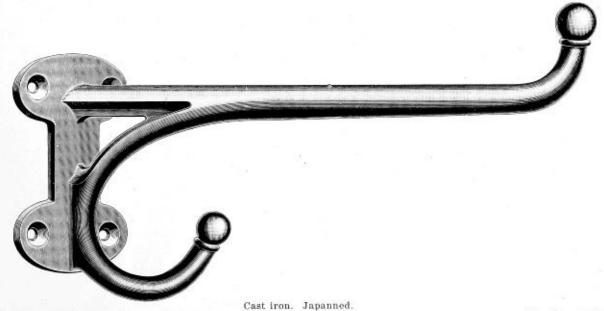


Cast iron. Japanned.





Folding harness hooks. All steel and indestructible. Japanned. Folds back against the wall when not in use and locks automatically when swung into position to be used.



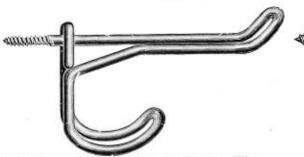
 No. 12.— 8 inch projection
 Per dozen \$ 1.60

 No. 2.— 6 inch projection.
 Extra heavy
 " 1.70

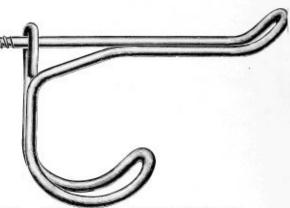
 No. 13.—12 inch projection.
 Extra heavy and large
 " 4.50

 Loose.
 Loose.

## COAT AND HAT HOOKS



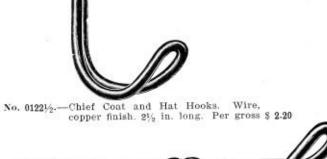
No. 10121/2.—Crown Coat and Hat Hooks. Wire, copper finish. 21/2 in. long. Per gross \$ 2.20 One gross in a box.



No. 1013.—Crown Coat and Hat Hooks. Wire, copper finish. 3 in. long ....... Per gross § 2.40

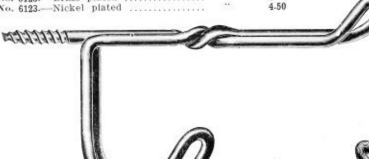
One-half gross in a box.

## CEILING HOOKS





No. 082.—Ceiling Hooks. Wire, cop. fin. Per gro. \$ 3.40 No. 82.—Ceiling Hooks. Wire, Jap. fin. Per gro. 3.70 One-half gross in a box.



No. 01231/2.—Chief Coat and Hat Hooks. Wire, copper finish. 31/2 in. long. Per gross \$ 3.00 All above one-half gross in a box.

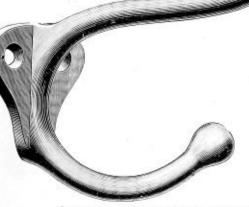


No. 131.—Ceiling Hooks. Wire. Coppered. Projection 21/2 in. With steel screw Per gross \$ 3.80 One-half gross in a box



## COAT AND HAT HOOKS



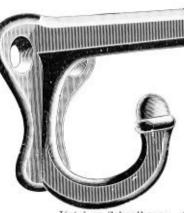


Cast iron. Heavy. 3½ inch projection.

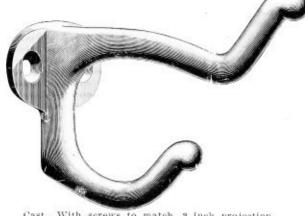
No. C9326.—Antique copper finish ... Per gross \$ 10.00

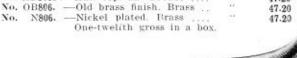
No. B9326.—Old brass finish ... " 10.00

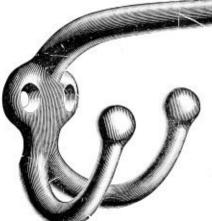




No. 89.—Japanned. 3 inch projection. Per gross \$ 5.50 No. 90.—Jap. 3 inch projection. Heavy " 6.40 One-fourth gross in a box.







"STERUNG BRAND FOR QUALITY STANDS"

## HALL STAND HOOKS







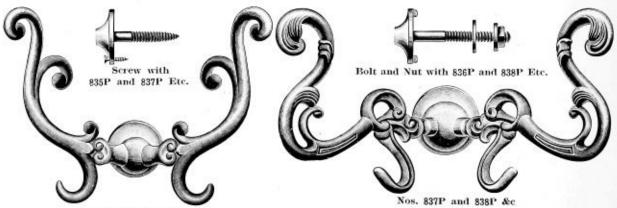
Nos. OET443 and DA443

Nos. 854P and AB854P

Nos. AB852P and OB852

No. OET443.—Old brass finish, depressed surface oxidized and relieved	Per	dozen	\$ 4.20
No. DA443. —Antique copper finish, unpolished. Cast iron	41	**	4.20
No. 854P.—Natural color, highly polished. Cast bronze	-	**	15.00
No. AB854P.—Actique copper finish, highly polished. Cast bronze	40	64	15.60
No. AB852P Antique copper finish, highly polished. Cast bronze	34	**	23.20
No. OB852Old brass finish, polished. Cast brass	**	**	23.20

All illustrations half size. Packed with screws to match. One-third dozen in a box.



No.

Nos.	835P	and	836P	80

	Cast. With screw.	
No.	835P.—Natural color, highly pol. Bronze Bronze	16.30
No.	AB835P.—Antique cop. fin., highly polished.  Bronze Per dozen	17.10
No.	OB835Old brass fin., pol. Brass " " Cast. With bolt and nut.	17-10
No.	836P.—Natural color, highly polished. Bronze	16.30
No.	AB836P.—Antique cop. fin., highly polished. Bronze	17.10

No. OB836. -Old brass fin., pol. Brass

No. OB837. Old brass fin., pol. Brass . . Cast. With bolt and nut. 838P.—Natural color, highly pol. Bronze

Per dozen ..... \$ 27.80 No. AB838P.—Antique cop. fin., highly polished Bronze ...... Per dozen 28.60 No. OB838. —Old brass fin., pol. Brass 28.60

Cast. With screw.

No. AB837P .- Antique cop. fin., highly polished.

837P.—Natural color, highly pol. Bronze.

Per dozen ..... \$ 27-80

28.60

28.60

Bronze ..... Per dozen

One-third dozen in a box. One-third dozen in a box.

All illustrations balf size.

17.10

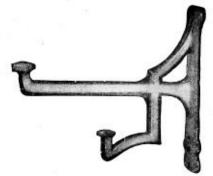


## HALL STAND HOOKS



Cast iron. Mission style. Projection 41/2 inches. Double hook—spread 7 inches. Dull finish. Complete with screws to match.

No. 914AC.—Antique copper finish Per dozen \$ 4.00 No. 914OB.—Old brass finish 4.00 One dozen in a box.

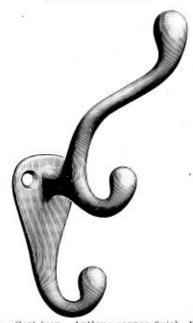




Cast iron. Mission style. Projection 134 in. Dull finish. Convenient for use in kitchen or bath-room. Complete screws to match.

Three dozen in a box.





## BATH ROOM HOOKS

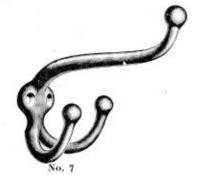


Nos. 2, 3 and 5



1

No. 1



Cast b	grass. Polished and b	nighly nickel-plated. Complete with screws to match			
No. 2Nickel-plated. F	rojection 2 inches		Per	dozen :	\$ 2.00
No. 3Nickel-plated. F	Projection 21% inches			"	2.50
No. 5 Nickel-plated. F	Projection 3 inches.	Extra heavy	**	***	3.00
No. 6Nickel-plated. F	rojection 1 inch.	An ideal strop hook	64		1.50
					1.50
No. 7 Nickel-plated. F	Projection 2 inches.	Extra heavy triple hook		44	4.00
	Nos. 6 and 1.	three dozen; others one dozen in a box.			

"STERUNG BRAND FOR QUALITY STAY (DS"

### SASH CORD



Sterling	Solid	Braided	Sash	Cord.	White Cotton	
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Nos	6 7	8	9	10	12
Per pound	10 .3	7 .35	.35	-35	-35
100 feet in a hank; one dozen l	hanks in a	bundle.			



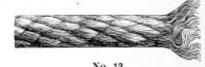




No. 6.—Diameter  $\frac{1}{12}$  inches.
No. 7.—Diameter  $\frac{1}{12}$  inches.
No. 8.—Diameter  $\frac{1}{12}$  inch.
About 66 feet to the lb.; 18 lbs. to the dozen.
Suitable for weights lighter than 10 lbs.
No. 8.—Diameter  $\frac{1}{12}$  inch.
About 44 feet to the lb.; 27 lbs. to the dozen.
Suitable for weights 10 to 15 lbs.
Suitable for weights 15 to 25 lbs.







No. 10 No. 9. —Diameter  $\frac{3}{2}$  inches. About 36 feet to the lb.; 33 lbs. to the dozen. Suitable for weights 25 to 35 lbs. No. 10.—Diameter  $\frac{3}{2}$  inches. About 27 feet to the lb.; 44 lbs. to the dozen. Suitable for weights 35 to 45 lbs. No. 12.—Diameter  $\frac{3}{2}$  inches. About 20 feet to the lb.; 60 lbs. to the dozen. Suitable for weights 40 to 50 lbs.





Samson Spot Cord. Free from imperfections of braid or finish, and warranted to give satisfaction when used with weights above mentioned. The spot is a distinctive mark and comes in a variety of colors. Nos. ...... 6 8 ...\$ .55 .52 .50 -50 .50

### 100 feet in a hank; one dozen hanks in a bundle. SASH CHAIN



No. 91.—Bronze metal sash chain	Per	foot f	\$ .10
No. 02.—Bronze metal sash chain	64		.08
No. 1. —Coppered steel sash chain		15	.08
No. 2. —Coppered steel sash chain	44	13	.06
500 feet on a reel			

## SASH FIXTURES



No. 1 .- Sash chain fixtures complete. Four to the set. 25 sets in a box ...... Per set \$ .18

## SASH WEIGHTS



Cast sash weights	. sui	table	IOF	chain	or I	ope.	
Per pound						\$	
Weight, pounds 3 Diameter, inches 1½ Length, inches 7	3½ 1½ 8	4 1½ 9		5 1½ 11½		6 1½ 14	$6\frac{1}{2}$ $1\frac{1}{2}$ $15$
Weight, pounds 7 Diameter, inches $1\frac{1}{2}$ Length, inches 16	$7\frac{1}{2}$ $1\frac{1}{2}$ $17$	8 1½ 18	$8\frac{1}{2}$ $1\frac{1}{2}$ $19$	$9$ $1\frac{1}{2}$ $20\frac{1}{2}$	$9\frac{1}{2}$ $1\frac{1}{2}$ $21\frac{1}{2}$	$10$ $1\frac{1}{2}$ $22\frac{3}{4}$	$10\frac{1}{2}$ $1\frac{1}{2}$ $24$
Weight, pounds 11 Diameter, inches 13/4 Length, inches 18	$11\frac{1}{2}$ $1\frac{3}{4}$ $19$	$^{12}_{1\%}_{20}$	$13$ $1\frac{3}{4}$ $21\frac{1}{2}$	14 1¾ 23	15 1¾ 25	$\frac{16}{2}$ $20\frac{1}{2}$	17 2 22
Weight, pounds 18 Diameter, inches 2 Length, inches 23	19 2 24½	20 2 26	21 2 27	22 2 28	23 2 291/	24 2 30	25 2 32



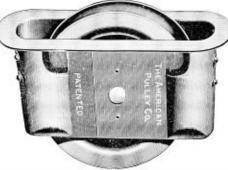
### AXLE PULLEYS



No. 25.—2 inch drilled wheels, steel axles. Cast iron, unpolished. In barrels of about 140 dozen each. Dozen \$ .44 No. 8.—2 inch drilled wheels, steel axles. Cast iron, unpolished. In barrels of about 130 dozen each .44



TOP NOTCH



No. 3.—2 in wheel. Face plate 212x1 in. Per doz. \$ .50 No. 4.—2 in. wheel. Face plate 212x1 in. Per doz. \$ .50

Top notch labor saving pulleys. Extra strong wheel and axle pin. Face plate and housing of new design. Bore three holes for number 3 and four holes for number 4.

In barrels containing about 100 dozen.

## PULLMAN SASH BALANCES



Polished from wheel, steel axle. Round ends and round groove for sash cord.

No. 02202. —2 in. wheel. Plain iron face Dozen \$ 1.30 No. 02202½.—2½ in. wheel. Plain iron face. " 1.90 No. 2203. —3 in. wheel. Berlin bronzed face.

Polished iron wheel, steel axle. Round ends and deep square groove for sash chain.

Per dozen .....

No. 02202D. —2 in. wheel. Plain iron face. Doz. \$ 1.30 No. 02202½D.—2½ in. wheel. Plain iron face " 1.90

One dozen in a box.



Pullman Sash Balances. Set of 4 balances for 2 sashes.

Nos.	Weight Ench Sash, Pounds	Length of Tape Inches	Size of Face Plate	Size of Mortise, Inches	Per Set
2	8 to 9	30	3½ x 1	21/2 x 7/4 x 21/2	8 2.60
3	10 to 11	46	41/4 x 11/8	3 X 1 1 X 3	2.80
4	12 to 13	46	41/4 x 11/8	3 X 1 1 X 3	3.10
5	14 to 15	46	41/4 x 11/8	3 x 1 7 x 3	3.40
6	16 to 17	46	5 X 11/4	31/2 X 1 % X 35/8	3.70
7	18 to 19	46	5 x 11/4	31/2 X 1 1 X 35/8	4.00
8	20 to 21	46	5 x 11/4	31/2 x 1 / x 35/8	4.70
10	24 to 26	54	53/4 X 13/4	41/4 X 1 1/2 X 4	5.30
11	27 to 29	54	53/4 X 13/8	41/4 X 1 % X 4	5.50
12	30 to 32	54	53/4 x 13/8	41/4 X 1 5 X 4	5.70

Nos. 3 to 8 carried in stock. One set in a box.

3.50

## SLIDING SHEAVES, ROLLERS AND RAIL

SASH SHEAVES

SASH RAIL

SASH SHEAVES







			THE PERSON NAMED IN	
	No. 112	No. 186	Nos. 152 and	Y152
		Iron case. Brass wheel, 1¼ inch. Face % inch	Per dozen	\$ 2.30
		e. In lengths of 4, 6, or 8 ft. Suitable for sheaves 112, 152 and Y153 Twelve lengths in a package.		70.77
No. 152		Wrought steel case, 1%x2% in. Ball bearing. Steel wheel 1% in. I		
No. Y1	52.—Sliding sash sheaves.	Same as 152 but bronze plated and packed with screws  Two dozen in a box.	"	2.65

#### SLIDING DOOR SHEAVES



No. 50—Inches Sliding Door Sheaves. Hatfield Pattern. Japanned Case.

2½ 3 4 5
Length of run, inches 37 42 49 63
Per set (4 in a set) \$2.20 2.75 3.70 6.20

#### SLIDING DOOR RAIL

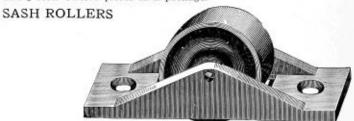






Full size cut 1/8 inch.

Japanned Sash Rollers, Cast in	ron.	
No. 10.—Inches 5/8	3/4	7/8
Size of plate, inches 5/8x11/2 Diam. of wheel, in 5/8	3/4×1%	7/8×2
Per gross \$ 2.70 One-half gross in a box.	3.20	4.20





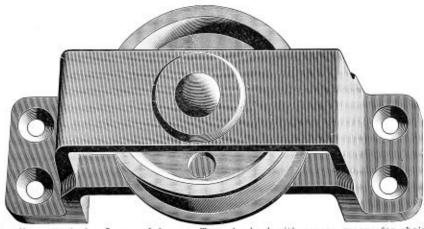


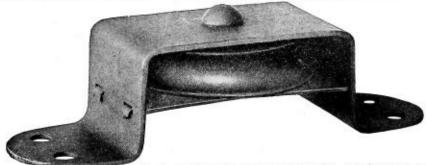
## **PULLEYS**

SIDE



#### SIDE SASH





No. 100.—Wrought steel, Japanned. Wheel  $2\frac{1}{2}$  in. in diameter with  $\frac{1}{2}$  in. groove. Length over all 5 in. A pulley made of steel throughout for use with either chain or sash cord. Designed for factory use. Dozen \$ 2.50 One dozen in a box.

#### DUMB WAITER

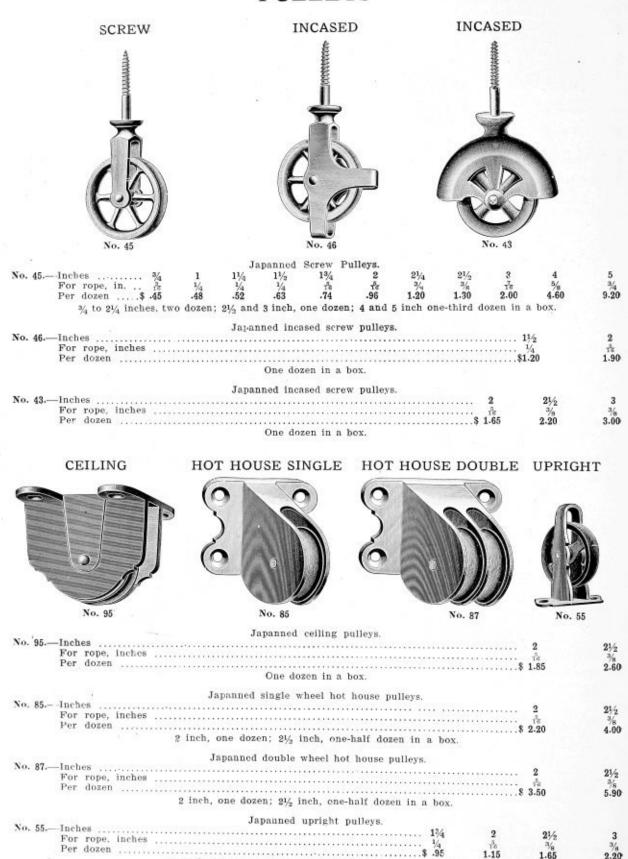


No. 40.—Dumb waiter pulleys. 3 inch extra heavy wheel. Face 11/1x6 inches. Will take 1/2 inch rope Per dozen \$ 3.30 Two-thirds dozen in a package.

"STERUNG BRAND FOR QUALITY STANDS"



### **PULLEYS**

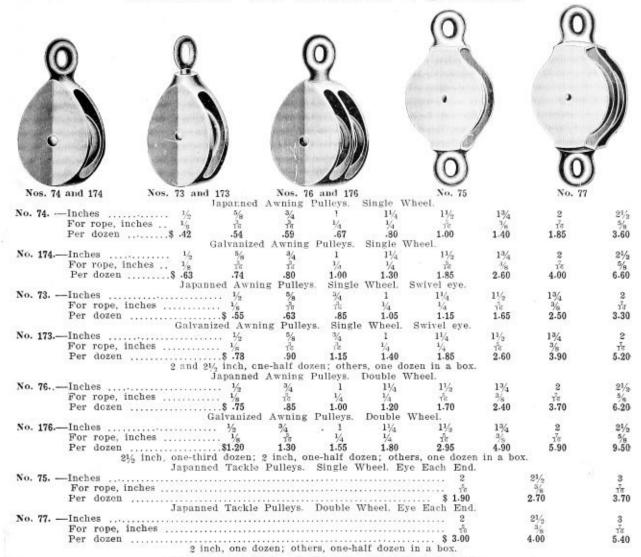


134 and 2 inch two dozen; 21/2 and 3 inch, one dozen in a box.

Sterung Brand for Quality Strangs"



## AWNING OR TACKLE PULLEYS











Nos. 63 and 163

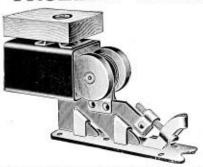


No. 161

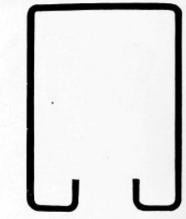
	Gaivanized Clothes Line Pulle	ys.
3	No. 163.—Inches	3
3/8	For rope, inches	3/4
2.00	Per dozen \$ 2.60	3.30
	Galvanized Clothes Line Pulleys. Kn	ot passing.
3	No. 161.—Inches 2	21/2
3/8	For rope, inches 1/2	5/6
2.40	Per dozen \$ 1.50	2.40
One dozen	in a box.	



## TROLLEY HOUSE DOOR HANGERS

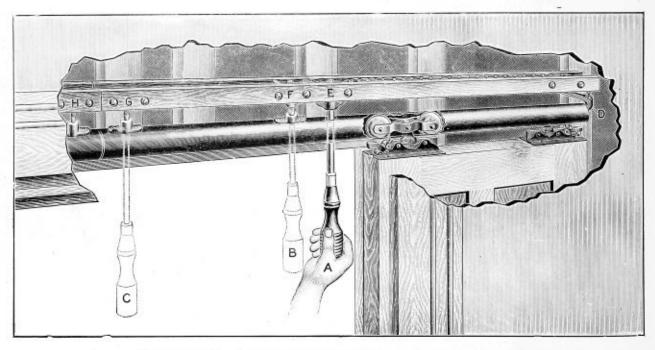


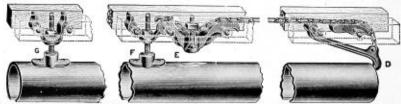
Hero trolley ball bearing house door hangers. All steel and fitted with vulcanized fibre wheels rendering noiseless. Adjustment in both hanger and track is easily accessible. Wood header furnished with track. The cross section shows full size of track. Complete with screws for hangers.



Double, Doors,				e Doors.	
No 25. —5 ft. opening No. 25½.—5½ ft. opening No. 26. —6 ft. opening No. 27. —7 ft. opening	6.00 6.00	No. 13½.—3½ ft. No. 14 —4 ft. No. 14½.—4½ ft. No. 15. —5 ft.	opening opening		 3.25 3.50 3.75 4.00

#### CANNON BALL TUBULAR



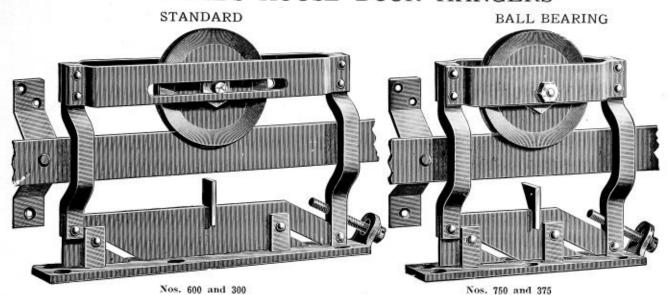


Cannon Ball tubular house door hangers. Specially formed wide tread steel wheels. Frictionless, noiseless and fitted with long steel roller bearings. Track diameter 21/4 inches inside and fitted with wood header. A screw driver is the only tool required to adjust the track at either end. Complete with screws, stop and floor guides.

Double Doors,	Single Do	ors.
No. C25 5 ft. opening No. C25½-5½ ft. opening No. C266 ft. opening No. C277 ft. opening	8.00 No. C14. —4 ft. opening No. C141/2. —41/2 ft. opening	



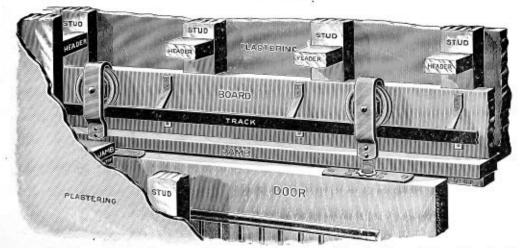
## LANE'S HOUSE DOOR HANGERS



Lane's Standard parlor door hangers. All steel single track hanger to run noiselessly on a steel track. Quickly adjusted by turning only one screw with an ordinary screw driver. Noiseless, durable, quickly applied and easily adjusted.

Lane's ball bearing parlor door hanger. All the advantages of the Standard hanger with the addition of the ball bearing feature. Cups and cones machined from solid steel and carefully hardened. The balls are made of the best steel hardened and polished.

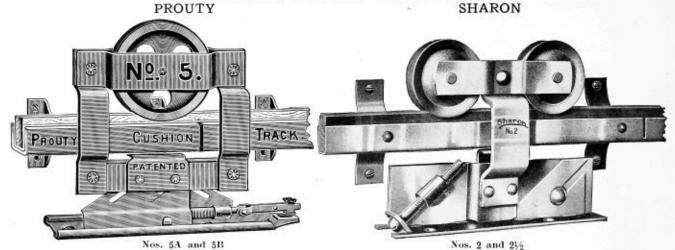
#### NEW MODEL



Lane's New Model parlor door hangers. Frame entirely of steel. The wheel has noiscless fiber tread and roller bearings making it anti-friction and adapted for any length run. The adjusting nut extends through the base plate and has serrated projecting flanges, both above and below, by which it may be turned.

"STERUNG BRAND FOR QUALITY STANDS"

## SLIDING DOOR HANGERS



Prouty cushion track house door hangers. Fitted with special noiseless bearings and tread turned true to fit track. Shaft is hardened and sound deadening felt compression washers, as shown in cut, prevent wheel from side play or rattle. Track is specially constructed—the hard maple rail thoroughly kiln dried and mounted in felt cushplay or rattle. Track is specially constructed—the hard maple ran throughly find the and marked and locking ion supported by metal case. This makes the hanger absolutely noiseless. Horizontal adjusting screw and locking device, simple in operation and remains as adjusted. Rubber tired roller floor guides.

No. 5A.—For double doors complete with 14 feet (2-7 ft. lengths) of track.

Per set \$ 6.00

No. 5B.—For single doors complete with 8 feet of track.

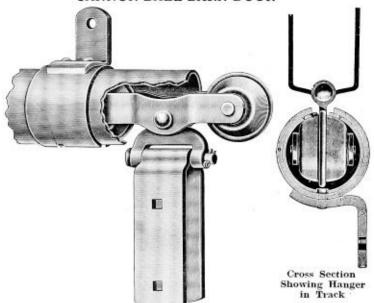
Per ft. 140

Sharon house door hangers. All steel. Wheels fitted with vulcanized fibre tread and steel flanges fitted with brass bushing. A steel lip on the hanger fits close under the track and makes it impossible to derail. Center stop attaches to jamb and rubber faced roller guides keep door in an alignment. Rail made from seasoned kiln dried hard maple reinforced by a heavy steel channel, making it impossible to warp either vertically or horizontally. These steel channels are notched at 6 and 12 inches from the ends, so as to furnish the desired length of track. With screws for hangers.

One set in a box.

No. 02. - Track only. 7, 8, 10 or 12 ft. lengths ...... Per ft. \$ .14

#### CANNON BALL BARN DOOR



Cannon Ball barn door hangers. Steel truss frame and wide tread ball wheels. Long roller bearings, frictionless, noiseless and flexible. Note that this hanger runs on the inside of the tracknot the outside. Packed with bolts and two caps for end of rail. No. C24. —Cannon Ball hangers. . . . . Per dozen pairs \$ 24.00 One-twelfth dozen in a carton; one-half dozen in a case.

Cannon Ball track. 3 ft. sections, 21/4 inches inside diameter. 14 gauge steel.

No. C20. — Cannon Ball track. Without Brackets ... Per ft.
No. C150.—Cannon Ball track brackets. For splicing track

and attaching to building ...... Per dozen

## BARN DOOR STAYS



No. 2.-Barn door stays. Wrought iron stem. Japanned. To screw Per dozen ...... \$ 1.50

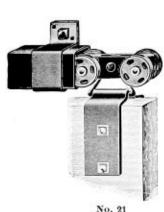


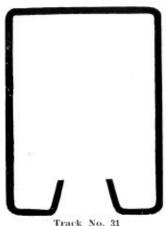
No. 153.—Adjustable and reversible barn door stay roller. Two stays in one,-being suitable for outside or inside doors. Cast iron wheel, 2 inches in diameter ...... Per dozen \$ 2.00

2.50

### BARN DOOR HANGERS







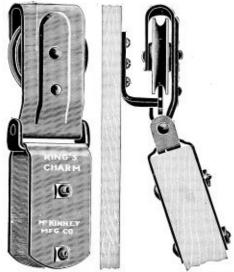
No. 20.—Roller bearing trolley barn door hanger. Lateral adjustment for doors 13/4 to 23/2 inches thick. A pair of hangers consists of 2 hangers and carriers, 1 center and 2 end brackets, lag bolts for brackets and carriage boits for hangers. Suitable for doors weighing about 300 lbs. For use with No. 31

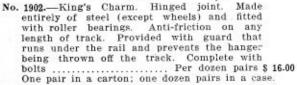
.... Per pair \$ 2.50 No. 21.—Roller bearing hinged trolley barn door hanger. Suitable for doors 1% to 2 inches thick. A pair of hangers consists of 2 hangers and carriers, 1 center and 2 end brackets, lag bolts for brackets and carriage bolts for hangers. Suitable for doors weighing about 300 lbs. For use with No. 31 track. Pair

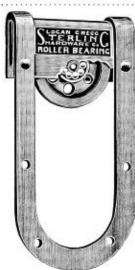
No. 1.—Center bracket. For use with No. 31 track.

No. 31.—Trolley track. For use with above hangers. Length 6, 8 or 10 ft.

Per ft. .20 .25





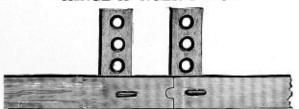


Sterling barn door hangers. Made entirely of steel (except wheels). Fully covered and fitted with cold rolled steel axles and roller bearings. So constructed as to give long life and for use on any Standard track.

No. 1.—Special size ...... Per dozen pairs \$ 15.00 No. 2.—Standard size .....

One dozen pairs in a crate.

#### HINGE HANGER TRACK



o. 1912.—Heavy steel track. 1¼xx<sup>2</sup>6 inches. Fitted with 1¼ inch wrought steel bracket countersunk for screws. Japanned and machine straightened. For Hinged Hangers. In lengths 4, 6, 8 or 10 feet. . . . . . . . . . . . . . . . Per ft. \$ .11 Four lengths in a bundle.

#### STERLING TRACK



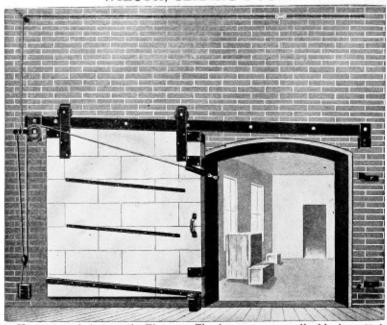
No. 1910.—Sterling barn door track. 1x15 inches. Wrought steel, Japanned. Can be used with any non-flexible hangers. In lengths 4, 6, 8 or 10 feet ..... Per ft. \$ .06

48 to 64 feet in a bundle.



## AUTOMATIC FIRE DOOR FIXTURES

WILCOX, SLIDING DOOR



Wilcox Fire Door Hangers and Automatic Fixtures. The hangers are malleable iron 21 inches long and 3½ inches wide. Wheels 5 inches in diameter and roller bearing Packed complete with all the necessary track, hangers, bolts and screws for attaching to door; heavy cast washers for wall bolts; wall bolts not included but will be furnished at market price if the thickness of wall is given. 16 pounds of counterbalance weights are included with each set. Underwriters require two hangers for doors up to 6 feet wide inclusive, and 3 hangers for doors over 6 feet. For this reason we quote below fixtures complete as required for the different sized openings.

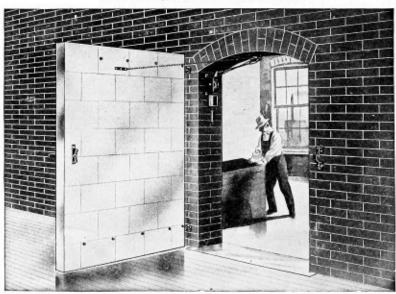
this reason we quote below fixtures complete as required for the different sized openings.

No. 501A.—For sliding doors. Hangers, track and automatic fixtures. Complete with bolts and screws (except wall bolts). With fuses which release the door from either side at 160 degrees Fahrenheit, causing the same to

close.		7 it., per opening	(3 mangers)		24.00
4 ft., per opening (2 Hangers)					
5 ft., per opening (2 Hangers)	20-30	9 ft., per opening	(3 Hangers)		25-30
6 ft., per opening (2 Hangers)					
Above fixtures examined under	standard requirements of	the National Board	of Fire Under	writers and approve	d.

In ordering give thickness of doors and width of opening; doors must lap 4 inches on each side.

#### WILCOX, SWINGING DOOR



Wilcox automatic swinging door fixtures. Applicable for single or double doors. The small weight merely secures the tension in chain. When the link fuses at 160° Fah, it releases the heavy weight which drops on to the small weight and closes the door. In ordering it is necessary to give the exact width of opening, thickness of the wall and the three dimensions of doors. State at the same time whether single or double and if hinges are wanted so order.

Furnished complete with heavy latch and bolts and screws but no pintles or hinges, which are priced separately.

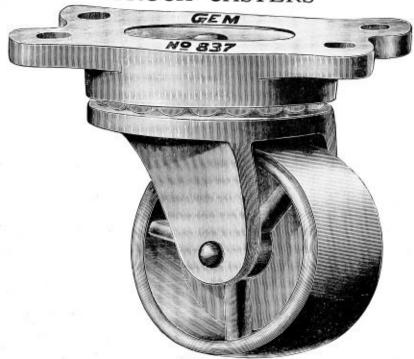
No. 208S.—For single swinging doors. Fixtures only

No. 208D.—For double swinging doors. Fixtures only

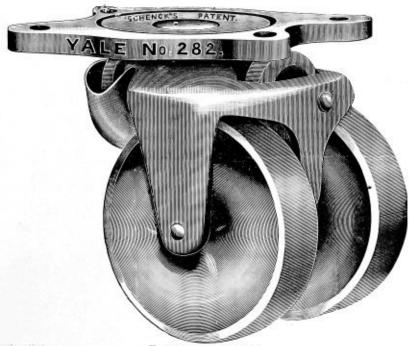
Not carried in stock; shipped from factory direct.



## TRUCK CASTERS



Full size cut No. 837.



Full size cut No. 282.

Nos.  Diam. wheel, inches Size plate, inches Height, inches Per set (4)  Small sizes boxed;	182 1 8-10 2×25% 23% \$ .70	202 2 2½x2½ 2¾ 2¾ .75	232 2 3-10 25/s x31/2 31/s 1-10	282 2 8-10 3½x4 35/8 1-50	$\begin{array}{c} 332 \\ 3 3-10 \\ 3\frac{3}{4}x4\frac{1}{2} \\ 4\frac{1}{4} \\ 2.00 \end{array}$
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## TUCKER'S CASTERS



	Round plate.	Bronzed. Ligi	num vitae	wheels.
Nos.	Plate	Wheels	Height	Per set (4)
227	11/4	11/6	15/8	\$ .80
237	11/2	13/8	17/8	.90
247	13/4	15/s	21/8	1.00
	Round plate	Brass finish.	Leather	tires.
Nos.	Plate	Wheels	Height	Per set (4)
2221	11/4	11/6	15/8	\$ 3.20
2231	11/2	13/8	1%	3.60
2241	13/4	15/8	21/9	4.00
		One set in a b	ox.	



	Oblong plate.	Bronzed. Li	gnum vitae	wheels.
Nos.	Plate	Wheels	Height	Per set (4)
228	1½x15/3	11/8	15/8	\$ .80
238	13/ex17/s	13/8	1%	.90
248	15/8×21/4	15/8	21/8	1.00
	Oblong plate.	Brass finis	h. Leather	tires.
Nos.	Plate	Wheels	Height	Per set (4)
2222	11/8×15/8	11/8	15/8	5 3-20
2232	13/8×17/8	13/8	17/8	3.60
2242	15/8×21/4	15/8	21/8	4.00
		One set in a	hox	



## IRON BEDSTEAD CASTERS



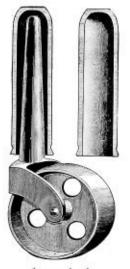
Metallic bedstead casters, ball bearing. Square attachment for tubing. Lignum vitae wheel.

No. 43.—Wheel 1 in. in diam. For % in. post \$.23 No. 45.—Wheel 1¼ in. in diam. For 1% in. post .30 No. 47.—Wheel 1½ in. in diam. For 1% in. post .39 Six sets in a box.

lron bedstead casters, with spring sockets to fit tubing. Lignum vitae wheel. Per set (4) No. E2-4.—Wheel  $1\frac{1}{2}x\frac{5}{2}$  in. For  $\frac{7}{6}$  inch post. \$ .37 No. F2-5.—Wheel  $1\frac{1}{4}x\frac{1}{6}$  in. For  $1\frac{1}{16}$  inch post .45 No. F2-6.—Wheel  $1\frac{5}{4}x\frac{5}{4}$  in. For  $1\frac{1}{16}$  inch post .51 No. G2-8.—Wheel  $1\frac{5}{4}x\frac{5}{4}$  in. For  $1\frac{1}{16}$  inch post .62

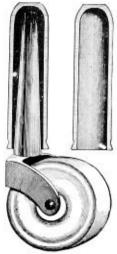
STERUNG BRAND FOR QUALITY STANDS"

## BED CASTERS



Iron wheels.

No. 102.—Trade size $15\%$ -2. Diameter of wheel, $1\frac{1}{2}$ in Per set \$	-18
No. 103.—Trade size 15%-3. Diameter of wheel, 15% in. Per set	-20
No. 105.—Trade size 2-2. Diameter of wheel, 1% inches.	22



Porcelain wheels.

No. 302.—Trade size 15%-2. Di- ameter of wheel. 1½ inches. Per set	.18
No. 303.—Trade size 15%-3. Di- ameter of wheel, 15% inches. Per set	-20
No. 305.—Trade size 2-2. Di- ameter of wheel, 1% inches. Per set	-24



No. 202 .-- Trade size 15/8-2. Diameter of wheel, 11/2 inches. Per set ..... \$ No. 203.—Trade size 15/8-3. Diameter of wheel, 1% inches. Per set ..... .18 No. 205 .- Trade size 2-2. ameter of wheel, 1% inches.

Per set
Lignum Vitae Wheels.
No. 702.—Trade size 1%-2. Diameter of wheel, 1½ inches. Per set .....

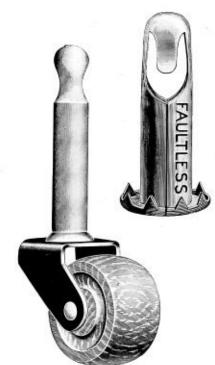
.25

Above casters have copper bronzed cast iron horn and stem; plain malleable iron socket in two pieces and steel axle. Four sets in a box.



Fox Bed casters. Steel horn with toothed grip sockets. 

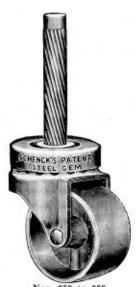
.36 Six sets in a package.



No. D2-5.—Faultless wood bedstead casters. With grip neck toothed sockets. Steel horn. Lignum vitae wheel 11/4 inches in diameter, 14 inch face ...... Four sets in a box. ..... Per set

A set of bed casters consists of four casters complet e with sockets.

### PLATE CASTERS



Nos. 353 to 853

Gem wrought steel stem casters. Polished iron wheel. Roller bear-ing. Extra strong. 853

11/4 -53 11/2 Per set, (4) \$ .42 One set in a box.

HENCK'S PATEN

Nos. 354 to 854 Gem wrought steel stem casters. Lignum vitae wheel. Roller bearing. Extra strong.

Nos. 854 11/2 11/4 .53 .90



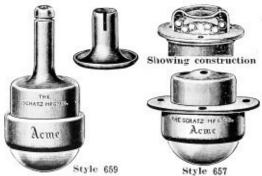
Nos. 355 to 755 Gem wrought steel casters, with sockets. Polished iron wheel. Roller bearing. Extra strong. 755 11/4 11/2 -53 .60



Gem wrought steel square plate casters.

.90

#### ACME BALL BEARING

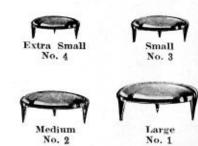


Style 659. Nickeled. Pin with socket. ..... 659–3/4 Nos. 659-11/8 1.10 1.20 countersunk. Nos. ..... 657-3/4 657-1 Inches ..... 3/4 1 657-11/8 657-11/4 Per set (4) ....\$1.00 1.10 1.20 1.30 One set in a box.



Gem wrought steel square	plate c	asters.	Lignum
vitae wheel. Roller bearing, Ex-	tra stre	ong.	23000000
Nos.	352	452	652
Wheel, inches	170	136	11/4
Per set (4)\$	.42	.47	.53
One set in a	box		

#### DOMES OF SILENCE



Invisible casters or slides. Dome shaped highly polished steel.



## PLATE CASTERS

#### STANDARD OBLONG



Standard oblong plate ball bearing casters. Unbreakable. With anti-friction steel balls.

#### Style S. Steel Plate and Wheel.

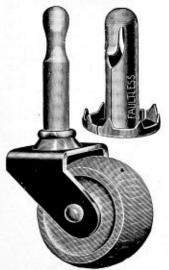
Nos 3	5	7	8
wheel, inches $1\frac{1}{10}$	11/4	15/8	13/4
Per set (4)\$ .24	-32	.45	-65

#### Style L. Steel Plate and Lignum Vitae Wheel.

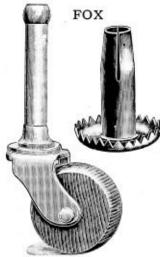
Nos	03	05	07	08
Wheel, inches	116	11/4	15/8	1%
Per set (4)\$	.24	-32	-45	-65

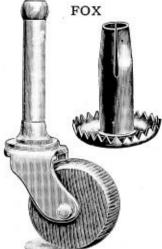
Six sets in a package.

### FAULTLESS

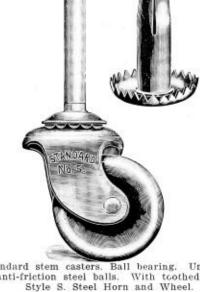


No. B2-5 to C9-5





Nos. 30 to 500



STANDARD STEM

Standard stem casters. Ball bearing. Unbreakable. With anti-friction steel balls. With toothed sockets.

Style S.	Steel	Ho	rn and	Wheel.	
Nos	23		25	27	28
Wheel, inches	1 14		11/4	15/8	13/4
Per set (4)\$	-22		-26	-33	.40
Style L. Steel F	forn a	and	Lignum	Vitae Wheel.	
Nos	33		35	37	38
Wheel, inches	1 16		11/4	15/8	13/4
Per set (4)\$	-22	#1	-26	.33	.40
Six	sets !	n a	nackage	4	

PHILADELPHIA



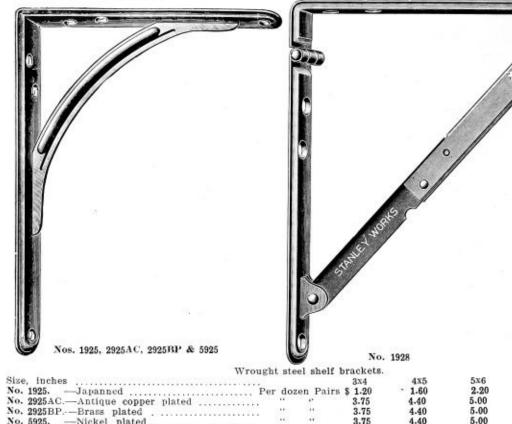
Faultless stem plate casters with toothed sockets.	
No. B2-5.—Lignum vitae wheel. 1¼x¼ inches. Short stem	Per set \$ .2
No. B2-6.—Lignum vitae wheel. 134x34 inches. Short stem	3
No. C2-5.—Lignum vitae wheel. 1½x11 inches. Long stem	,2
No. B9-5.—Leather wheel. 11/4x11 inches. Short stem. Nickel-plated horn	" 1.4
No. C9-5.—Leather wheel. 1\(\frac{1}{2}\)x\(\frac{1}{1}\) inches. Long stem. Nickel-plated horn	" 1.4
Fox pattern stem plate casters. Plain Horn. Grip neck. With toothed sockets.	250
Maple wheel Nos. 30 40	50
Size wheel, inches 1 11/2	11
Per set (4)	.20
Lignum vitae wheel, Nos. 300 400	50
	11
	.24
	-24
Philadelphia pattern stem plate casters. Iron stem, Lignum vitae wheel.	
Nos. 622 623 62	100
Size wheel, inches1 11/8 11/8	4 13
Per set (4)	2 .24
Six sets in a package.	

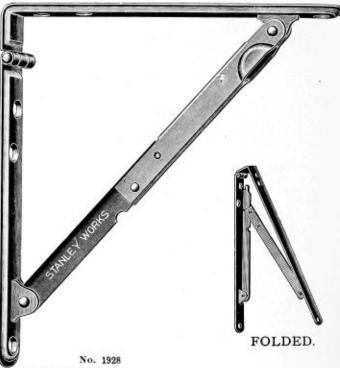


### SHELF BRACKETS

STEEL

FOLDING.





Wrought	t steel	shelf	brackets	8.			
Size, inches			3x4	4×5	5x6	5x7	6x8
No. 1925. —Japanned Per	dozen	Pairs		- 1.60	2.20	2.40	3.00
No. 2925AC.—Antique copper plated			3.75	4.40	5.00	6-20	8.20
No. 2925BPBrass plated	11	110	3.75	4.40	5.00	6-20	8-20
No. 5925. —Nickel plated	66	44	3.75	4.40	5.00	6.20	8.20
Size, inches			7×9	8x10	10x12	12x14	16x18
No. 1925. —Japanned Per	gozen	Pairs	\$ 3.60	4.20	6.00	9.00	18.00
No. 2925AC.—Antique copper plated	**	44	8.70	9.00	12.00	13.00	30.00
No. 2925BP.—Brass plated	**	**	8.70	9.00	12.00	13.00	30.00
No. 5925. —Nickel plated	17	6.6	8.70	9.00	12.00	13.00	30.00
Towns and without comey	m: w11	athone	weith .	serome to mat	oh		

Japanned, without screws; all others, with screws to match.

3x4 and 4x5, one dozen pairs; 5x6 to 7x9, one-half dozen pairs; other sizes, one-fourth dozen pairs in a box.

Folding shelf brackets. Wrought steel, Japanned. For folding or swinging shelves. Locks automatically when lifted up and can be let down out of the way quickly and easily. 12x12

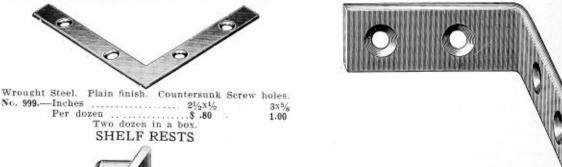
Per dozen pairs ..... One-twelfth dozen pairs in a box.

CORNER BRACES

12.00

8x8

.....\$ 8.00





WROUGHT STEEL FLAT CORNERS

No. 1928.—Inches

No. 23.—Shelf rests. Cast iron, coppered. For movable shelves. Pin, quarter inch in diameter and 3/2 in. long ..... Per gross \$ 2.15 One-fourth gross in a box.

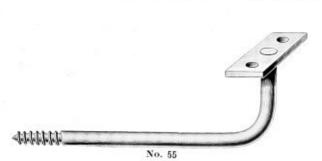
Wrought Corner Braces. Counter sunk inside. Extra heavy. No. 16 .- Length, inches 11/2×11/2 Width, inches ... Per dozen ......\$ .55 1.10 No. 16.—Length, inches ...... 4x4 5x5

a bundle.

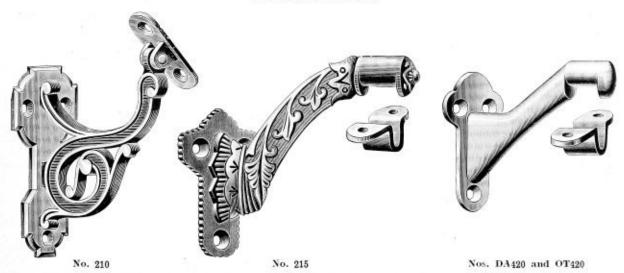
STERUNG BRAND FOR QUALITY STANDS"



## HAND RAIL BRACKETS







No. 210.—Cast iron, Tuscan bronzed. Base 1¾x4¼ in. Projection 3½ in. With screws to match. Per dozen \$ 3.40 No. 215.—Cast iron, Tuscan bronzed. Base 1½x3 in. Projection 3½ in. With screws to match. No. DA420.—Cast iron, antique copper finish, unpolished. Base 1½x3¼ in. Projection 3⅓ in. With screws to match. Per dozen No. OT420.—Same general description as DA420 but old brass finish, unpolished 9.330 One-half dozen in a box.

## HAND RAIL SCREWS



Wrought Hand Rail Screws \$\frac{1}{16}\$ inch steel, with one nut.

No. 51.—Inches 4 4½ 5
Per gross 8 9.00 10.00 11.25
One-fourth gross in a box.



"STERLING BRAND FOR QUALITY STANDS"



## PATENT IRON WOOD SCREWS





Flat Head Measure includes the head.



Round Head Measure includes about half the head.



Oval Head Measure includes the head.



Fillister Head Measure under the head.

The following varieties of iron screws are invoiced from this list at various discounts; Flat, round, oval and fillister head screws, dowel, winged, headless, pinched, bung head and felloe screws, bright, blued, nickel plated, silver plated, brassed, bronzed, coppered, Japanned, lacquered and tinned. Also drive screws.

List of July 22nd, 1903.

Price Per Gross.

Inch	2	Number	rs														
1-4	0 \$ .72	.72	.72	.72	.72												
3-8	.72	.72	.72	.72	.72	.75	.78	.82	.88	9 .94							
1-2	.72	.72	3 .72	.75	5 .78	6 .80	.84	8 .90	9 .96	10 1.05	11 1.10	12 1.20					
5-8	.72	.72	3 .72	.75	.78	6 .82	.86	.92	9 .98	10 1.07	11 1.12	12 1.20	13 1.25	14 1.30			
3-4	.72	3 .75	4 .78	.82	85	.90	.95	9 1.00	10 1.10	11 1.15	12 1.25	13 1.35	14 1.50	15 1.65	16 1.80		
7-8	2 .74	3 .78	4 .82	5 .85	6 .90	7 .94	8 1.00	9 1.05	10 1.15	11 1.25	12 1.35	13 1.45	14 1.55	15 1.75	16 2.00		
1	,80	.84	.87	.92	.98	8 1.05	9 1.10	10 1.20	11 1.30	$\frac{12}{1.40}$	13 1.60	14 1.70	15 2.00	16 2.50	17 2.70	18 2.80	20 3.50
11/4	5 .98	6 1.05	7 1.10	8 1.15	9 1.20	10 1.30	11 1.40	12 1.55	13 1.70	14 1.90	15 2.15	16 2.50	17 2.75	18 3.30	20 4.00	22 4.80	24 5.40
11/2	5 1.10	6 1.15	7 1.20	8 1.30	9 1.35	10 1.40	11 1.50	12 1.65	13 1.80	14 2.00	15 2.35	16 2.80	17 3.20	18 3.80	20 4.30	22 5.10	24 5.90
134	5 1.30	6 1.30	7 1.45	8 1.50	9 1.55	10 1.60	11 1.70	12 1.80	13 2.00	14 2.25	15 2.60	16 2.90	17 3.50	18 4.00	20 4.50	22 5.20	24 6.00
2	5 1.45	6 1.50	7 1.55	8 1.60	9 1.65	10 1.75	11 1.85	12 2.00	13 2.20	14 2.45	15 2.75	16 3.10	17 3.70	18 4.20	20 4.80	22 5.50	24 6 40
2%	5 1.55	6 1.60	7 1.65	8 1.75	9 1.85	10 1.95	11 2.05	12 2.20	13 2.35	14 2.65	15 3.10	16 3.50	17 3.85	18 4.55	20 5.30	22 6.10	24 6.90
$2^{1\!/_{\!\!2}}$	5 1.90	6 2.00	7 2.10	8 2.20	9 2.30	10 2.40	11 2.50	12 2.60	13 2.70	14 2.90	15 3.30	16 3.65	17 4.20	18 4.70	20 5.80	22 6.70	24 7.50
234	6 2.40	7 2.60	8 2.70	9 2.80	10 2.90	11 3.00	12 3.10	13 3.20	14 3.30	15 3.60	16 3.90	17 4.50	18 5.00	20 6.10	22 7.20	24 8.50	
3	6 2.95	7 3.00	8 3.05	9 3.10	10 3.15	11 3.20	12 3.30	13 3.40	14 3.50	15 3.80	16 4.20	17 4.80	18 5.50	20 6.50	22 7.50	24 8.70	26 10.50
$3\frac{1}{2}$	8 3.90	9 4.00	10 4.10	11 4.20	12 4.30	13 4.40	14 4.50	15 4.75	16 4.95	17 5.40	18 6.15	20 7.30	22 8.70	24 10.20	26 12.00		
4	8 4.90	9 5.10	10 5.20	11 5.30	12 5.40	13 5.60	14 5.90	15 6.20	16 6.50	17 7.00	18 7.60	20 8.60	22 9.70	24 11.20	26 14.00	28 16.00	30 18.50
$4\frac{1}{2}$	12 7.00	13 7.20	14 7.60	15 7.85	16 8.15	17 8.60	18 9.15	20 9.85	22 11.20	24 13.50	26 16.00	28 18.50	30 21.50				
5	12 8.10	13 8.30	14 8.60	15 9.10	16 9.70	17 10.10	18 11.00	20 11.50	22 13.00	24 15.00	26 18.00	28 21.00	30 24.00				
6	12 10.00	13 16.30	14 11.00	15 11.60	16 12.40	17 13.00	18 14.50	20 16.00	22 18.00	24 20.00	26 23.00	28 27.00	30 30,50				



## PATENT BRASS WOOD SCREWS





Flat Head Measure includes the head.



Round Head Measure includes about half the head.



Oval Head Measure includes the head.



Fillister Head Measure under the head.

Additional varieties invoiced from this list at varying discounts; Flat, round, oval and fillister head screws of brass, bronze or phosphor bronze, bronzed or lacquered, nickel and silver plated, on brass,

List of July 22, 1903.

Price per Gross.

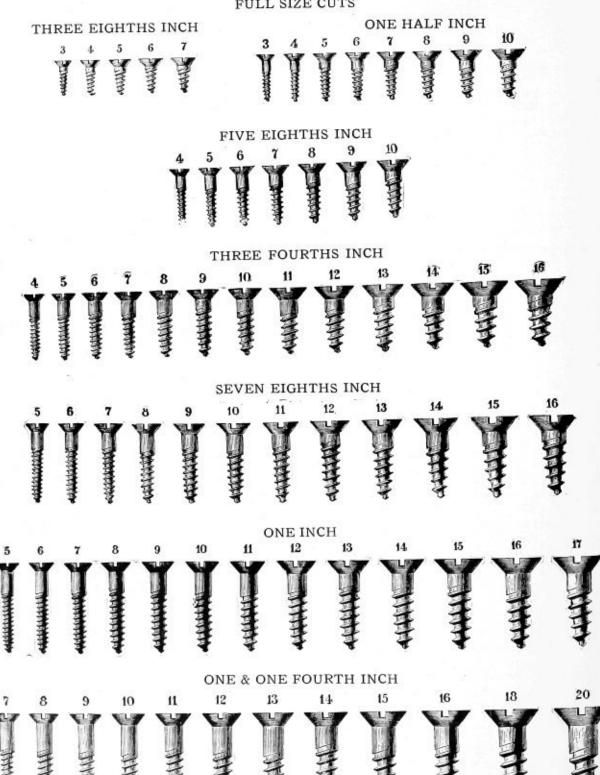
Inch		N	umber	s.													
1-4	0 \$ .84	.84	2 .88	3 .92	4.97	5 1.04											
3-8	.84	.87	.92	.97	4 1.04	5 1.12	6 1.20	7 1.35	8 1.50					語			
1-2	.92	.96	3 1.02	1.08	5 1.20	6 1.30	7 1.45	8 1.65	9 1.90	10 2.15							
5-8	1 .96	2 1.00	3 1.08	4 1.15	5 1.30	6 1.40	7 1.60	8 1.85	9 2.10	10 2.40	11 2.65	$\frac{12}{3.00}$	13 3.35	14 3.70	15 4.10	16 4.55	
3-4	2 1.12	3 1.18	4 1,25	5 1.40	6 1.55	7 1.75	8 2.00	9 2.30	10 2.65	11 3.00	12 3.35	13 3.70	14 4.10	15 4.55	16 5.05		
7-8	2 1.40	3 1.50	4 1.55	5 1.60	6 1.65	7 1.90	8 2.20	9 2.50	10 2.90	11 3.35	12 3.70	13 4.10	14 4.55	15 5.05	16 5.60		
1	3 1.65	4 1.70	5 1.75	6 1.80	7 2.10	8 2.45	9 2.80	10 3.15	11 3.65	12 4.10	13 4.55	14 5.05	15 5.60	16 6.65	18 7.40		
11/4	3 2.10	4 2,20	5 2.25	6 2.35	7 2.45	8 2.85	9 3.20	10 3.50	11 4.10	$\substack{12\\4.65}$	13 5.35	14 5.85	15 6.55	16 7.20	17 7.85	18 9.35	20 10.45
$1\frac{1}{2}$	4 2.95	5 3.05	6 3.10	7 3.20	8 3.30	9 3.65	10 4.25	11 4.65	12 5.35	13 5.95	14 6.65	15 7.60	16 8.35	17 9.15	18 10.85	20 12.65	22 14.50
13/4	6 3.95	7 4.00	8 4.10	9 4.20	10 4.70	11 5.35	12 6.05	13 6.70	14 7.35	15 8.65	16 9.50	17 10.45	18 12.40	20 14.50	22 16 85	24 18.90	
2	6 5.15	7 5.20	8 5.25	9 5.30	10 5.40	11 6.15	12 6.85	13 7.55	14 8.45	15 9.75	16 10.70	17 11.70	18 13.90	20 16.30	22 18.90	24 21.00	
21/4	8 6.85	9 6.95	10 7.05	11 7.25	12 7.90	13 8.80	14 9.80	15 10.75	16 11.90	17 13.00	18 15.40	20 18.00	22 20.95	24 23.30			
21/2	9 9.40	10 9.50	11 9.60	12 9.70	13 9.85	14 10.75	15 11.85	16 13.00	17 14.30	18 16.95	20 19.85	22 23.00	24 25.50				
2¾	9 11.50	10 11.65	11 11.80	12 11.95	13 12.10	14 12.25	15 13.00	16 14.20	17 15.65	18 18.40	20 21.60	22 25.00	24 28.00				
3	10 13.70	11 13.85	12 14.00	13 14.10	14 14.30	15 14.60	16 15.40	17 16.80	18 19.95	20 23.40	22 27.10	24 31.15	26 35.85	28 41.15	$\frac{30}{47.45}$		
3½	10 15.85	11 16.00	12 16.15	13 16.30	14 16.45	15 16.60	16 17.70	17 19.40	18 22.75	20 26.90	22 31.20	24 35.80	26 41.20	28 47.45	30 54.55		
4	12 18.60	13 18.80	14 19.00	15 19.25	16 20.35	17 22.30	18 26.90	20 30.80	22 36.00	$\frac{24}{40.70}$	26 47.35	28 54.55	$\frac{30}{62.70}$				
4½	14 22.60	15 22.80	16 23.40	17 25.75	18 30.90	20 35.40	22 41.40	24 46.80	26 54.40	28 62.70	30 72.15						
5	16 26.90	17 29.60	18 35.50	20 40.70	22 47.60	24 53.80	26 62.60	28 72.15	30 82,95								
6	16 31.00	17 34.05	18 40.80	20 46.80	22 54.75	24 61.90	26 72.95	28 82.95	30 93.35								
										20	-	**					

"STERUNG BRAND FOR QUALITY STENOS"



## FLAT HEAD WOOD SCREWS

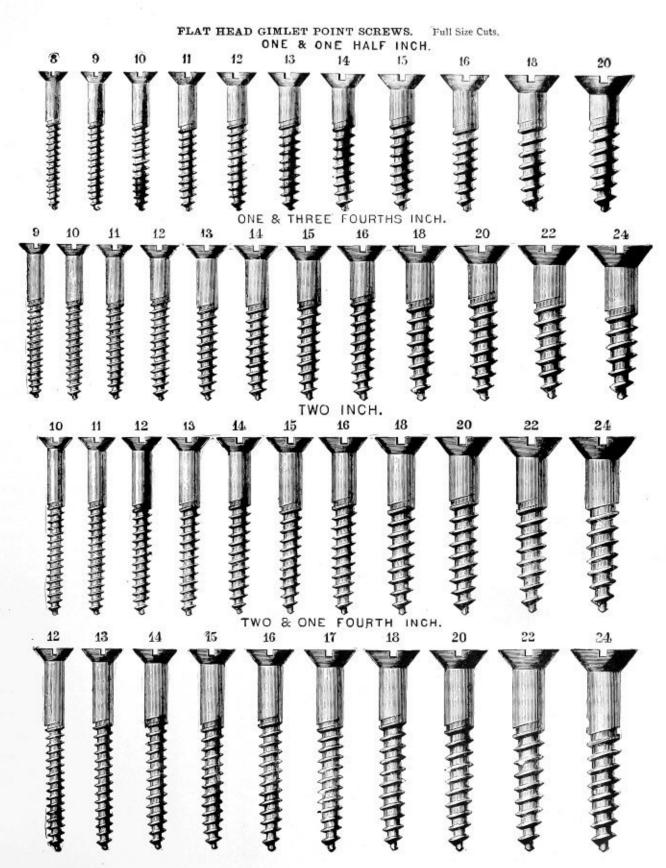
FLAT HEAD GIMLET POINT .
FULL SIZE CUTS



STERUNG BRAND FOR QUALITY STANDS"

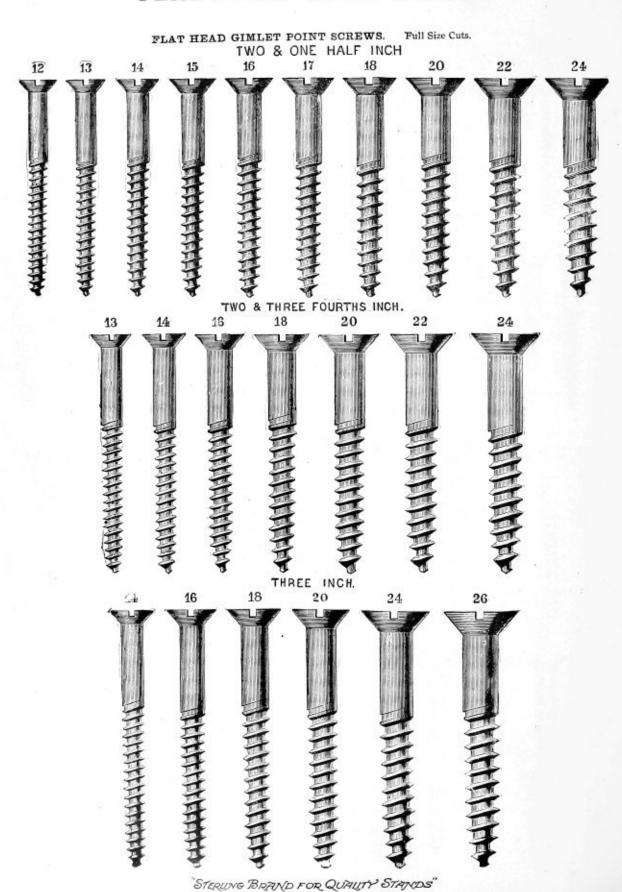
## STERLING

## FLAT HEAD WOOD SCREWS



STERUNG BRAND FOR QUALITY STANDS"

## FLAT HEAD WOOD SCREWS





# CAP SCREWS

SQUARE HEAD







List of April	l 1, 1905.									1	rice per	100.
Diam. of Screw Diam. of	1/4	Ige 12	3/8	16	1/2	16	5/8	3/4	% 8	1	11/8	11/4
Head Length of	3/8	174	1/2	18	5/8	łł	3/4	7∕8	11/8	11/4	13/8	11/2
Head Threads	1/4	1 <sup>2</sup> स	3/8	1 <sup>7</sup> 0	1/2	14	%	3/4	%	1	11/8	11/4
to inch Length, inch	20	18	16	14	12	12	11	10	9	8	7	7
3/4 3/8	\$ 3.00	3.25	3.75	4.50	5.70	******						
7/8	3-15	3.40	3.90	4.70	5.80							
1	3.25	3.50	4.00	4.90	5.90	9.25	9.25				ceres co	- conservation
11/4	3.50	3.75	4.25	5.30	6.50	9.50	9.50	12.50				
$1\frac{1}{2}$	3.75	4.00	4.50	5.70	7.10	10.00	10.00	13.50	18.40			
13/4	4.00	4.25	4.85	6.10	7.70	10.75	10.75	14.50	19.70	22.75		
2	4.25	4.85	5.20	6.50	8.30	11.50	11.50	15.50	21.00	25.00	34.00	28 50
21/4	4.70	5.35	5.55	7.15	8.90	12.60	12.60	16.50	22-40	27.25	36.75	42.00
21/2	5.25	5.80	6.00	7.50	9.50	13-60	13.60	17.50	23.70	29.50	39.50	45.50
2½ 2¾	5.75	6-30	6.65	7.90	10.10	14.40	14.40	19.00	25.00	31.75	42.25	49.00
3	6.25	6-80	7.20	8.40	10.70	15-20	15.20	20.60	26.40	34.00	45.00	52.50
31/4				9.15	11.50	16.00	16.00	22.10	28.20	36.25	47.75	56.00
$3^{1}/_{2}$				9.75	12.30	17.30	17.30	23.70	30.00	38.50	50.50	59.50
33/4				10-50	13-10	18-60	18.60	25.30	31.80	40.75	53.25	63.00
4				11.10	13.90	19.90	19.90	26.90	33.60	43.00	56.00	66.50
41/4							21.20	28.50	35.40	45.25	58.75	70.00
41/2							22.50	30.10	37.20	47.50	61.50	73.50
43/4								31.70	39.00	49.75	64-25	77.00
5 Add for		335555	2113511	1111111					40.80	52.00	67-00	80.50
each ¼ inch	40	50	60	70	60	1 30	1 30	1.60	1.80	2.25	2.75	3.50

Length given is measurement under head. Fifty in a package.

# SET SCREWS



List of Apri	l 1, 1905-			***	ON SET	SCREW	ъ.				Price per	100-
Diam. of Screw Threads	1/4	Ĉs.	3/8	176	1/2	16	5/8	3/4	7/s	1	11/8	11/4
to inch Length	20	18 .	16	14	12	12	11	10	9	8	7	7
1/2	\$ 1.80	2.00	2.35			erry received		******				
5/4	1.90	2.10	2.45	2.80	3.30							
3/4	2.00	2.20	2.50	2.90	3.40	5.00	5.00	1111111				
1/3 5/6 3/4 7/8	2.10	2.30	2.60	3.00	3.60	5.50	5.50					
1	2.15	2.35	2.65	3.10	3.80	5.75	5.75	10.00				
11/4	2.30	2.50	2.85	3.50	4.30	6.50	6.50	11.00	15.50			
11/2	2.50	2.70	3.10	4.00	4.80	7.25	7.25	12-00	16-20	22.00		
13/4	2.75	3.00	3.50	4.50	5.40	8.00	8.00	12.80	17.70	24.00	41.70	
2	3.25	3.50	4.00	5-15	6.00	8-80	8-80	13-60	19-20	26.00	45.00	54.00
21/4	3.75	4.00	4.50	5.75	6.75	9.60	9.60	14.50	20.70	28.00	48.30	58.30
21/2	4.25	4.50	5.00	6.35	7.50	10.40	10.40	15-40	22.20	30.00	51.60	62.60
23/4	4.75	5.00	5.50	6.75	8-25	11.20	11.20	16.30	23.70	32.00	54.90	66.90
3	5.25	5.50	6.00	7.20	9.00	12.00	12.00	17.30	25.20	34.00	58.20	71.20
31/4				7.60	9.75	12.75	12.75	18.40	26.70	36.00	61.50	75.50
31/3				8.00	10.50	13.50	13.50	19.50	28.20	38.00	64.80	79.80
33/4		******		8.50	11.25	14.30	14.30	20.75	29.70	40.00	68.10	84.10
4				9.00	12.00	15.10	15.10	22.00	31.20	42.00	71.40	88.40
41/4							15.90	23.50	32.70	44.00	74.70	92.70
$4^{1/_{2}}$						correct	16.70	25.00	34.20	46.00	78.00	97.00
43/4								26.50	35.70	48.00	81.30	101.30
5									37.20	50.00	84.60	105.60
Add for			1	8000		14093700	2000000	2000000	necessary /			
ach 1/4 inch	50	60	70	80	90	1.10	1.10	1.50	1.70	2.25	3.30	4.30

Length given is measurement under head to extreme point. Fifty in a package



# COACH OR LAG SCREWS



List of Nov. 1, 1908

Price per 100

23/4

4.00

61/2

Diam.			Length	inche	10												
1-4	1½ 82.25	2 2,45	2½ 2.65	3 2.85	31/2 3.05	4 3.25	4½ 3.45	5 3.65	5½ 3.85	6 4.05							
5-16	1½ \$2.25	2 2,45	2½ 2.65	3 2.85	31/2 3.05	4 3.25	4½ 3.45	5 3.65	5½ 3.85	6 4.05							
3-8	1½ \$2.70	2 2.96	$\frac{2^{1}}{2}$ 3.22	3 3.48	3½ 3.74	4 4.00	$\frac{41/2}{4.26}$	5 4.52	5½ 4.78	6 5.04							
7-16	1½ 83.15	2 3,47	21/2 3.79	3 4.11	$\frac{31/2}{4.43}$	4 4.75	4½ 5.07	5 5.39	$\frac{51/2}{5.71}$	6.03	6.35	7 6.67	7½ 6.99	8 7.31	9 7.95		
1-2	1½ 83.75	2 4.11	2½ 4.47	3 4.83	$\frac{31}{2}$ 5.19	4 5.55	$\frac{41/2}{5.91}$	5 6.27	5½ 6.63	6.99	6½ 7.35	7.71	7½ 8.07	8 8.43	9 9.15	10 9.87	12 11.31
5-8	11/2	\$6.00	2½ 6.50	3 7.00	3½ 7.50	4 8.00	$\frac{41}{2}$ 8.50	5 9.00	$\frac{51/_{2}}{9.50}$	6 10.00	$\frac{61/2}{10.50}$	7 11.00	$7\frac{1}{2}$ 11.50	8 12.00	9 13.00	10 14.00	12 16.00
3-4	11/2	2	2½ 89.20	3 9.90	$\frac{31/2}{10.60}$	4 11.30	$\frac{41/_{2}}{12.00}$	5 12.70	5½ 13.10	6 14.10	6½ 14.80	7 15.50	$\frac{71/2}{16.20}$	8 16.90	9 18.30	10 19.70	12 22.50
7-8	11/2	2	21/2	3 3 15.00	$\frac{31/2}{16.00}$	4 17.00	4½ 18.00	5 19.00	$\frac{51/_{2}}{20.00}$	6 21.00	6½ 22.00	7 23.00	7½ 24.00	8 25.00	9 27.00	10 29.00	12 33 00
1	3½ \$22.00	4 23.30	4½ 24.60	5 25.90	5½ 27.20	6 28.50	6½ 29.80	7 31.10	7½ 32,40	8 33.70	9 36.30	10 38.90	11 41.50	12 44,10			

Length given is the measure under the head.

%-inch diameter same price as %-inch.

1/4 inch one hundred; 👸, 🖧 3/4 and 1/4, fifty, other sizes, twenty-five in a package.



# STOVE BOLTSM



21/4

3.60

6

21/2

3.80

61/4

Flat Head. (Measure includes the head.)

5/8

31/2

1/2

31/4

4.40

\$4.20

3/4 2.65

33/4

7/8 2.70

4

2.75

41/4

Round Head. (Measure under the head.)

11/2

3.10

51/4

3.20

51/2

3.40

53/4

rast of march	1, 1307.												Frice	ber 100
Diam.	Len	gth In-	ches.	80.0	7,	200.00	Langua	W.000.5	Zaca n	30,000		Vienne		
3-16, 3/8 .85	1/2 .85	5/8 .85	3/4 .85	7/8 .90	1 .90	11/8	11/4	13/8	1½ 1,10	13/4	1.20	21/4 1.25	2½ 1.30	23/4 1.40
3 \$1.50	31/4 1.60	$\frac{31/_{2}}{1.70}$	33/4 1.80	4 1.90	2.00	4½ 2.10	43/4 2.20	5 2.30	51/4 2.40	5½ 2.50	53/4 2.60	6 2.75	2.90	6½ 3.05
1-4 $\frac{3}{3}$	\$1.20 \$1.4 2.10	5/8 1.20 31/ <sub>2</sub> 2.20	34 1.20 334 2.30	7/8 1.25 4 2.40	1 1.30 41/4 2.50	11/8 1.35 41/2 2.60	11/4 1.40 43/4 2.70	13/8 1.45 5 2.85	1½ 1.50 5¼ 3.00	13/4 1.55 51/2 3.15	2 1.60 53/4 3.30	21/4 1.70 6 3.45	2½ 1.80 6¼ 3.60	23/4 1.90 61/2 3.75
5-16 3 \$2.70	1/2 31/4 2.85	5/8 31/2 3.00	3/4 \$1.75 33/4 3.15	7/8 1.80 4 3.30	1 1.85 41/4 3.45	1½ 1.90 4½ 3.60	1½ 1.95 4¾ 3.75	13/8 2.00 5 3.90	1½ 2.05 5¼ 4.10	13/4 2.15 51/2 4.30	2 2.30 53/4 4.50	21/4 2.40 6 4.70	2½ 2.50 6¼ 4.90	23/4 2.60 61/2 5.10

11/4

2.90

43/4

13%

3,00

5

4.60 4.80 5.00 5.20 5.40 5.60 5.80 6.00 6.60 6.80 7.00 1/8 and 3/2 same price as 3/3; 3/2 same price as 1/4 inch.

Stove bolts carried in stock: F. H. 5/2 1/2 to 3; 1/4 x 1/2 to 3; R. H. 5/2 x 3/3 to 2 1/2; 1/4 x 1/2 to 3.

One hundred in a box. No. 100.—Stove bolt asst. 10 bolts each: F. H. 5/2 x 3/4, 1; 1/4 x 3/4, 1, 11/4, 11/2; R. H. 5/2 x 1/2, 3/4; 1/4 x 3/4, 1.

Per asst. \$ 2.00

2.85

41/2



				337	and the second						
List of De	cember 2	8, 1899.	Plain o	countersunk	head.	Measure inc	ludes the	head.		Price	per 100
Diam.		Length i	nches								
3-16	\$ .60 33/4	1½ .60 4	11/2 .60 41/4	13/4 .65 41/2	.70 43/4	5	2½ .80 5¼	23/4 .85 51/2	3 .90 53/4	31/4 .95 6	3½ 1.00
	\$ 1.05	1.10	1.15	1.20	1.25	1.30	1.35	1.40	1.45	1.50	
1-4	\$ .95 33/4 \$1.40	11/4 .95 4 1.45	1½ .95 4¼ 1.50	13/4 1.00 41/2 1.55	1.05 43/4 1.60	21/4 1,10 5 1,65	2½ 1.15 5¼ 1.70	23/4 1.20 51/2 1.75	3 1.25 53/4 1.80	31/4 1.30 6 1.85	3½ 1.35
5-16	\$1.40 334 \$1.96	11/4 1.40 4 2.03	1½ 1.40 4¼ 2.10	$1\frac{3}{4}$ $1.40$ $4\frac{1}{2}$ $2.17$	$\begin{array}{c} 2 \\ 1.47 \\ 434 \\ 2.24 \end{array}$	21/4 1.54 5 2.31	$2\frac{1}{2}$ 1.61 5\frac{1}{4} 2.38	23/4 1.68 51/2 2.45	3 1.75 53/4 2.52	31/4 1.82 6 2.59	3½ 1.89
3-8	\$2,20 334 \$2,90	1½ 2.20 4 3.00	$1\frac{1}{2}$ $2.20$ $4\frac{1}{4}$ $3.10$	13/4 2.20 41/ <sub>2</sub> 3.20	2 2.20 43/4 3.30	21/4 2.30 5 3.40	$2\frac{1}{2}$ $2.40$ $5\frac{1}{4}$ $3.50$	23/4 2.50 51/2 3.60	3 2.60 53/4 3.70	31/4 2.70 6 3.80	3½ 2.80

Tire Bolts carried in stock:  $4x1\frac{1}{4}$  to 3;  $\frac{1}{4}x1\frac{1}{4}$  to 3;  $\frac{4}{6}x2\frac{1}{2}$ , 3 and 3\frac{1}{6}.

One hundred in a box.



# CARRIAGE BOLTS



List of June 1, 1908 Length given is the measure under the head.

Price per 100

				1.2	cuern e		ene me	moure t	AMERICA CO	ne neau				rince	ber 100
Diam.	9858	Leng	th inch	es	99530		30/06	141000	0.000						
1-4	1½ \$1.00 5½ \$1.64	13/4 1.04 6 1.72	2 1.08 6½ 1.80	21/4 1.12 7 1.88	$2\frac{1}{2}$ 1.16 $7\frac{1}{2}$ 1.96	23/4 1.20 8 2.04	3 1.24 8½ 2.12	31/4 1.28 9 2.20	3½ 1.32 9½ 2.28	33/4 1.36 10 2.36	1.40 12 2.68	41/4 1 44 14 3 00	4½ 1.48 16 3.32	43/4 1.52 18 3.64	5 1.56 20 3.96
5-16	1½ \$1.40 5½ \$2.36	13/4 1.46 6 2.48	2 1.52 6½ 2.60	21/4 1.58 7 2.72	$2\frac{1}{2}$ $1.64$ $7\frac{1}{2}$ $2.84$	23/4 1.70 8 2.96	$\begin{array}{c} 3 \\ 1.76 \\ 8\frac{1}{2} \\ 3.08 \end{array}$	31/4 1.82 9 3.20	3½ 1.88 9½ 3.32	33/4 1.94 10 3.44	2.00 12 3.92	41/4 2.06 14 4.40	$ \begin{array}{r} 4\frac{1}{2} \\ 2.12 \\ 16 \\ 4.88 \end{array} $	43/4 2.18 18 5.36	5 2.24 20 5.84
3-8	1½ \$1.90 5½ \$3.18	13/4 1.98 6 3.34	2 2.06 3.50 6½	21/4 2.14 3.66 7	2½ 2.22 3.82 7½	23/4 2.30 3.98 8	3 2.38 4.14 8½	31/4 2.46 9 4.30	$ 3\frac{1}{2} $ 2.54 $ 9\frac{1}{2} $ 4.46	33/4 2.62 10 4.62	2.70 12 5.26	41/4 2.78 14 5.90	4½ 2.86 16 6.54	43/4 2.94 18 7.18	5 3.02 20 7.82
7-16	1½ \$2.20 5½ \$3.64	13/4 2.29 6 3.82	2 2.38 6½ 4.00	21/4 2.47 7 4.18	$2\frac{1}{2}$ 2.56 $7\frac{1}{2}$ 4.36	23/4 2.65 8 4.54	3 2.74 8½ 4.72	31/4 2.83 9 4.90	$     \begin{array}{r}       3\frac{1}{2} \\       2.92 \\       9\frac{1}{2} \\       5.08     \end{array} $	33/4 3.01 10 5.26	4 3.10 12 5.98	41/4 3.19 14 6.70	4½ 3.28 16 7.42	43/4 3.37 18 8.14	5 3.46 20 8.86
1-2	2½ \$3.00 7½ \$5.20	23/4 3.11 8 5.42	3 3.22 8½ 5.64	31/4 3.33 9 5.86	$3\frac{1}{2}$ $3.44$ $9\frac{1}{2}$ $6.08$	33/4 3.55 10 6.30	4 3.66 11 6.74	41/4 3.77 12 7.18	4½ 3.88 13 7.62	43/4 3.99 14 8.06	5 4.10 15 8.50	5½ 4.33 16 8.94	6 4.54 17 9.38	6½ 4.76 18 9.82	7 4.98 20 10.70
5-8	2½ \$5.20 7½ \$8.60	23/4 5.37 8 8.94	3 5.54 8½ 9.28	31/4 5.71 9 9.62	3½ 5.88 9½ 9.96	33/4 6.05 10 10.30	4 6.22 11 10.98	41/4 6.39 12 11.66	$ \begin{array}{r} 4\frac{1}{2} \\ 6.56 \\ 13 \\ 12.34 \end{array} $	$4\frac{3}{4}$ 6.73 14 13.02	5 6.90 15 13.70	5½ 7,24 16 14,38	7.58 17 15.06	6½ 7.92 18 15.74	7 8.26 20 17.10
3-4	2½ \$7.20 7½ \$11.80	23/4 7.43 8 12.26	3 7.66 8½ 12.72	31/4 7.89 9 13.18	3½ 8.12 9½ 13.64	33/4 8.35 10 14.10	8.58 11 15.02	41/4 8.81 12 15.94	9.04 13 16.86	43/4 9.27 14 17.78	5 9.50 15 18.70	5½ 9.96 16 19.62	6 10.42 17 20.54	6½ 10.88 18 21.46	7 11.34 20 23.30

 $\frac{1}{16}$  inch same price as  $\frac{1}{4}$ ;  $\frac{1}{16}$  inch same price as  $\frac{5}{8}$ .  $\frac{1}{16}$  and  $\frac{1}{4}$ , one hundred;  $\frac{1}{16}$ ,  $\frac{3}{8}$  and  $\frac{1}{16}$ , fifty;  $\frac{1}{2}$  and  $\frac{5}{8}$ , twenty-five in a package.  $\frac{3}{4}$  inch in bulk.

### PHILADELPHIA EAGLE



List of May 24, 1899.

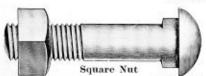
Full square, Norway iron, turned bevel head and forged nuts. Length given is the measure under the head.

Price per 100

Diam.		Lens	th Inch	ies								
3-16	1 83.00	11/4 3.10	1½ 3.20	13/4 3.30	2 3.40	21/4 3.50	2½ 3.60					
1-4	1 \$3.00	11/4 3.10	1½ 3.20	13/4 3.30	2 3.40	21/4 3.50	$\frac{21/2}{3.60}$	23/4 3.70	3 3.80	31/4 3.90	3½ 4.00	4 4.20
5-16	1½ 84.00	13/4 4.00	2 4.10	2½ 4.20	2½ 4.40	23/4 4.50	3 4.70	31/4 4.90	3½ 5.00	4 5.30	4½ 5.70	5 6.00
3-8	2 \$5.40	21/4 5.60	2½ 5.80	3 6.20	3½ 6.70	4 7.10	$\frac{41/2}{7.50}$	5 7.90	5½ 8.40	6 8.80		
1-2	1 \$9.50	1½ 9.50	2 16.10	2½ 10.65	3 11.20	3½ 11.75	4 12.30	$\frac{41/_{2}}{12.90}$	5 13.45	5½ 14.00	6 14.55	

All above sizes Eagle bolts regularly carried in stock. A and V1, one hundred; others fifty in a package.

# TRACK BOLTS





Rolled thread steel bolt with steel nut.

Size, inches34x31/2 & longer	3/4×31/4	3/4×3	5/8×31/4	5/8X3	5/8×23/4	5/8×21/2	1/2×3	1/2X23/4	1/2X21/2
Sq. nut, Ex. per 100 lbs. over base Base	.05	.15	.30	.40	.50	.60	.75	.90	1.05
Hex. nut, Ex. per 100 lbs. over base15	-25	-35	.55	.65	.75	-85	1.10	1.25	1.40
Size, inches	1/2×2	70 X21/2	76 X21/4	26 X2	τω X13/4	3/4×21/4	3/8×2	3/8×13/4	3/8×11/2
Sq. nut, Ex. per 100 lbs. over base 1.20	1.35	1.55	1.75	1.95	2.15	2.40	2.65	2.90	3.15
Hex. nut, Ex. per 100 lbs. over base 1.55	1.70	2.00	2.20	2.40	2.60	2.95	3.20	3.45	3.70
∜ inch diameter same	price a	is 1/2 in	ch. 200	Ibs. i	n a keg				

"STERUNG BRAND FOR QUALITY STANDS



# MACHINE BOLTS





Square Head and Nut.

Hexagon Head and Nut

List of (	October				h squar	re head h given				inished		Head a	nd Nut.	Price	per 100
Diam.		Len	gth Inc	hes	2000		- No. 2 (2-24)		922.00	2252	78980		750		
1-4	$\frac{1\frac{1}{2}}{$1.70}$	2 1.78	$\frac{21/2}{1.86}$	3 1.94	3½ 2.02	4 2.10	$\frac{41/_{2}}{2.18}$	5 2.26	5½ 2.34	6 2.42	61/2 2.50	7 2.59	8 2.74	10 3.06	12 3.3
5-16		2 2.12	2½ 2.24	3 2.36	3½ 2.48	4 2.60	4½ 2.72	5 2.84	$\frac{51/2}{2.96}$	6 3.08	$\frac{61/2}{3.20}$	7 3.32	8 3.56	10 4.04	12 4.5
3-8	1½ \$2,40	2.56	$\frac{21/2}{2.72}$	3 2.88	$\frac{31/_{2}}{3.04}$	4 3.20	4½ 3.36	5 3.52	5½ 3.68	6 3.84	4.00	$\frac{7}{4.16}$	71/2 4.32	8 4.48	4.8
	10 \$5.12	11 5.44	12 5.76	13 6.08	14 6.40	15 6.72	7.04								
7-16	1½ \$2.80 10 \$6.20	3.00 11 6.60	2½ 3.20 12 7.00	3 3.40 13 7.40	3½ 3.60 14 7.80	4 3.80 15 8.20	4½ 4.00 16 8.60	5 4.20	5½ 4.40	6 4.60	6½ 4.80	7 5.00	7½ 5.20	8 5.40	9 5.8
1-2	1½ \$3.60 10 \$8.02	2 3.86 11 8.54	2½ 4.12 12 9.06	3 4.38 13 9.58	3½ 4.64 14 10.10	4 4.90 15 10.62	4½ 5.16 16 11.14	5.42 17 11.66	51/2 5.68 18 12.18	5.94 19 12.70	6½ 6.20 20 13.22	7 6.46	7½ 6.72	8 6.98	9 7.5
5-8	1½ \$5 20 10 \$11.66	2 5.58 11 12.42	2½ 5.96 12 13.18	3 6.34 13 13.94	3½ 6.72 14 14.70	7.10 15 15.46	4½ 7.48 16 16.22	5 7.86 17 16.98	5½ 8.24 18 17.74	6 8.62 19 18.50	6½ 9.00 20 19.26	7 9.38	7½ 9.76	8 10.14	9 10.9
3-4	1½ \$7.20 10 815.70	2 7.70 11 16.70	2½ 8.20 12 17.70	3 8.70 13 18.70	3½ 9.20 14 19.70	4 9.70 15 20.70	4½ 10.20 16 21.70	5 10.70 17 22.70	5½ 11.20 18 23.70	6 11.70 20 25.70	6½ 12.20 22 27.70	7 12.70 24 29.70	7½ 13.20 26 31.70	8 13.70 28 33.70	9 14.7 30 35.7
7-0	1½ \$10.50 10 \$22.40	2 11.20 11 23.80	2½ 11.90 12 25.20	3 12.60 13 26.60	3½ 13.30 14 28.00	4 14.00 15 29.40	4½ 14.70 16 30.80	5 15.40 17 32.20	5½ 16.10 18 33 60	6 16.80 20 36.40	6½ 17.50 22 39.20	7 18.20 24 42.00	7½ 18.90- 26 44.80	8 19.60 28 47.60	9 21.0 30
1	11/2 815.10 10 830.40	2 16.00 11 32.20	2½ 16.90 12 34.00	3 17.80 13 35.80	31/ <sub>2</sub> 18.70 14 37.60	4 19.60 15 39.40	4½ 20.50 16 41.20	5 21.40 17 43.00	5½ 22.30 18	6 23.20 20	$\begin{array}{c} 6\frac{1}{2} \\ 24.10 \\ 22 \end{array}$	7 25.00 24	7½ 25.90 26	8 26.80 28	50.4 9 28.6 30
1%	1½ 822.50 10	2 23.70 11	2½ 24.90 12	3 26.10 13	3½ 27.30 14	28.50 15	4½ 29.70 16	5 30.90 17	5½ 32.10 18	48.40 6 33.30 20	52.00 6½ 34.50 22	55.60 7 35.70 24	59.20 7½ 36.90 26	62.80 8 38.10 28	66.40 9 40.50 30
11/4	\$42.90 1½ \$30.00 10 \$55.50	45.30 2 31.50 11 58.50	47.70 2½ 33.00 12 61.50	50.10 3 34.50 13 64.50	52.50 3½ 36.00 14 67.50	54.90 4 37.50 15 70.50	57.30 4½ 39.00 16 73.50	59.70 5 40.50 17 76.50	62.10 5½ 42.00 18 79.50	66.90 6 43.50 20 85.50	71.70 6½ 45.00 22 91.50	76.50 7 46.50 24 97.50	81.30 7½ 48.00 26 103.50	86.10 8 49.50 28 109.50	90.9 9 52.5 30 115.5

Machine bolts with hexagon heads or hexagon nuts 10 per cent. extra. With hexagon heads and hexagon nuts 20 per cent. extra.  $\frac{1}{10}$  inch same price as  $\frac{5}{8}$  inch. Larger and longer sizes than listed will be quoted upon receipt of specifications.

1/4 inch. one hundred; 1/6, 3/6, 1/6 and 1/2, fifty; 3/6, twenty-five in a package 3/4 and larger, in bulk. 8 inch and longer, in bulk.

# BOLT ENDS

 With Square Nuts.
 List of October 1, 1899.

 Size, inches . ½
 ½
 ¾
 1
 1¼
 1½
 1¾
 2

 Length, inches 8
 9
 10
 12
 14
 16
 18
 20

 Per pound . . \$ .14
 .12
 .10
 .11
 .11
 .12
 .12

 Bolt ends with hexagon nuts, 10 per cent. extra.

Bolt ends with hexagon nuts, 10 per cent. extra. Shorter than above standard lengths in lots of 100 and over will be charged at the price per 100 of machine bolts of same length, subject to same discount.

# TURN BUCKLES



Wrought iron turn buckles. With right and left bolt ends. Inside opening, 6 inches.

	stub in.		3/6	1/2	5/8	3/4	7/6	1
Each		S	.40	.45	.50	-63	.75	.88
Diam.	stub in.		11/2	11/4	11/2	13/4	2	21/4
Each		S	1.00	1.25	1.50	2.00	2.65	3.50

### BOLTS WITH THREAD AND NUT EACH END



Bolts with thread and nut each end. Otherwise known as bridge and roof bolts. Furnished with square nut on each end or hexagon nut on each end. With plain ends or upset ends—the latter recommended. By putting an excess of metal in the upset screw ends over that in the bar the full strength of the rod is maintained even when threaded. Bolts can also be furnished with head on one end, nut on other, larger sizes than machine bolts above listed. Prices will be quoted upon receipt of specifications giving sizes and quantities.

39.95



# EXPANSION SHIELDS AND ANCHORS

SEBCO EXPANSION SHIELDS





......\$ 9.40 10.50 12.35 17.75  $\frac{5}{6}$  and  $\frac{3}{4}$ . 50 in a box; other sizes 100 in a box.

# SEBCO SCREW ANCHORS





22.00

27.80

Sebco screw anchors. For use with any style wood screw. Made of a non-rusting composition and will not chip or stain the finest marble. Requires but a small hole for insertion and has a very positive expansion. Price of anchors only without screws.

No. 1831/8x 3/4 inches.	For screws Nos. 5, 6, or 7. Outside diameter 1/4 inch	er 100 \$	4.40
No. 363 3x 3/4 inches.	For screws Nos. 8, 9, 10 or 11. Outside diameter in inch	44	5.00
No. 361. $-\frac{3}{16}x1$ inches.	For screws Nos. 8, 9, 10 or 11. Outside diameter in inch	110	5.00
No. 143. —1/4 x 3/4 inches.	For screws Nos. 12, 13 or 14. Outside diameter % inch		5.60
No. 1411/4x1 inches.	For screws Nos. 12, 13, or 14. Outside diameter 3/4 inch	**	5.60
No. 1411/21/4x11/2 inches.	For screws Nos. 12, 13 or 14. Outside diameter 3/2 inch		6.75
No. 563 18 x 3/4 inches.	For screws Nos. 15, 16, 17 or 18. Outside diameter 75 inch	"	6.25
	For screws Nos. 15, 16, 17 or 18. Outside diameter 1 inch	**	6-25
	For screws Nos. 15, 16, 17 or 18. Outside diameter $\frac{1}{10}$ inch	**	7.50
Th	ne outside diameter gives the size of drill required to bore for same.		

ne outside diameter gives the size of drift required to bore for same.

100 in a box.

We quote above shields and anchors only. When so ordered will be fitted with lag screws or any style wood screw carried in stock at best market price.

# SPRING COTTERS



Made from the best quality, half round, Spring Wire and sharp pointed. The length measurements given are from under the eye to the point.

List adopted January 1, 1906 Price per 100	List	adopted	January	1,	1906	Price	per	1000
--	------	---------	---------	----	------	-------	-----	------

Diam.	1 2 E	र्गेंड	1/8	79	3 3 2	11	The state of
Length		1 2000	7.5	1	1		
1/2	\$ 3.50	4.00	5.00	6.00	7.00	8.00	
3/4	4.15	4.75	5.85	7.00	8.15	9.30	11.10
1	4.80	5.50	6.70	8.00	9.30	10.60	12.80
11/4	5.45	6-25	7.55	9.00	10.45	11.90	14.50
11/2	6.10	7.00	8.40	10.00	11.60	13.20	16.20
13/4	6.75	7.75	9.25	11.00	12.75	14.50	17.90
2	7.40	8.50	10.10	12.00	13.90	15.80	19.60
21/4			10.95	13.00	15.05	17.10	21.30
21/2			11.80	14.00	16.20	18.40	23.00

Diam.	18	1/2	X	16	3/8	176	1/2	58
Lgth.								
1	\$ 14.00	18.00	20.00	32-50				
11/4	16.00	20.80	23.50	37.50				
11/2	18.00	23.60	27.00	42.50	72.00			
13/4	20.00	26.40	30.50	47.50	79.20	108.00		
2	22.00	29.20	34.00	52.50	86.40	119.50	148.50	
21/4	24.00	32.00	37.50	57.50	93.60	131.00	163.50	
21/2	26.00	34.80	41.00	62.50	100-80	142-50	178-50	
23/4	28.00	37.60	44.50	67.50	108-00	154.00	193.50	
3	30.00	40.40	48-00	72-50	115.20	165.50	208.50	384.00
31/4			51.50	77.50	122.40	177.00	223.50	404.00
31/2			55.00	82-50	129.60	188.50	238.50	424.00
33/4			58-50	87-50	136.80	200.00	253.50	444.00
4			62.00	92.50	144.00	211.50	268.50	464.00
5						257.50	328.50	544.00
6							388-50	644-00

# ASSORTED COTTERS



No. 2.—Assortment. Contains 50 cotters assorted as follows: 5 each 3-32x3/4, 1: 1/4x1, 11/4; 3-16x 11/4, 11/2: 1/4x13/4, 2; 1/6x2, 21/2. Packed in a neat pasteboard box, twelve boxes in a carton. Per carton

No. 4A.—Assortment. Contains 100 Cotters assorted from  $\frac{1}{16} \times 11\frac{1}{4}$  to  $\frac{3}{16} \times 11\frac{1}{2}$ . Packed in neat tin box, twelve boxes in a carton.....Per carton. \$4.50

# FLAT SPRING KEYS



pande of the best quality, cold rolled Spring Iron and are especially adapted to the use of locomotive, car and bridge builders. The length measurements given are from center of point to neck, or under the eye.

Diam.	3/8	1/2	56	34	7/8
Length					
11/4	\$ 39.00	52.00			
11/2	44.50	58-00			
13/4	50.00	64.00	78.00		
2	55-50	70.00	84.50	104.00	125.00
21/4	61.00	76.00	91.00	111.00	131.00
21/2	66.50	82.00	97.50	118.00	138.00
23/4	72.00	88.00	104.00	125.00	147.00
3	77.50	94.00	110.50	132.00	155.00
31/4			117.00	139.00	162.00
31/2			123.50	146.00	170.00

# WROUGHT WASHERS

BOLT



Size bolt, inches	2.
Diameter, inches	
Size hole, inches	1/4
Thickness, gauge	18
Number in 1 pound	394
In kegs per 100 pounds	
In 5 lb. boxes, per pound	.15
Size bolt, inches	
Diameter, inches	2
Size hole, inches	38
Thickness, gauge	9
Number in 1 pound	
In kegs per 100 pounds	
In 5 lb. boxes, per pound	.10



St	andard Wrought	Washers.
1/4	18	3/8
3/4	7/8	1
78	3/8	व द
16	16	14
156	112	68
12.20	11.40	10.50
-131/2	.121/2	.111/2
7/8	1	11/8
21/4	21/2	23/4
18	1 10	11/4
8	8	8
8	6	5
9.00	9.00	9.00
.10	.10	
	Wrought Axle V	Vashers

AXLE

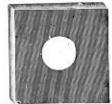
70 11/4 1/2 14 43	1/2 13/	1 <sup>2</sup> 6 11/4	5/6 13/.
1/2	13/8 13/8 10/12 12 26	1% 1½ 5% 12 22	% 1¾ 1½ 10 13
14 43	12 26	12 22	10 13
9.80	9.40	9.30 .10½	9.20 .10
.11 1¼		13/4	
3	31/2	4	41/2
8	7	1¾ 4 1¾ 7	7
1¼ 3 1¾ 8 4 9.20	1½ 3½ 15% 7 2½ 9.20	9.50	$24\frac{1}{2}$ $2\frac{1}{8}$ $7$ $1\frac{1}{2}$ $9.50$

For Axles 134, 2, 214, 21/2, or 23/4 inches .....

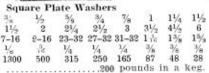
200 pounds in a keg.

..... per 100 pounds \$.....

# SQUARE WASHERS



Size bolt ... Diameter ... Size hole Thickness No. in 100 lbs. Per 100 pounds



# CAST WASHERS



Standard Cast Washers

Size bolt or rod	Dimensions	Weight per 100	Per 100 pounds
3/6	2 x 3/k	21 pounds	\$
5/4	21/2X 1/2	43 "	
3/4	3 x 5/8	70 ''	
7/8	31/4× 3/4	113 "	
1	4 x 7/a	175 "	
11/4	5 x11/s	322 "	
11/2	6 x13/8	610 ''	
2	71/2×15/8	1115 "	

### SQUARE NUTS



Size of Bolt	Short Diam.	Thick- ness	Н	ole	-Blank	Tapped
1/4	1/2	1/4	3/16	seant	\$ 13.00	\$ 15.00
re	19/32	18	1/4	scant	12.00	13.50
3/8	11/16	3/8	19/64	scant	10.50	11.60
16	25/32	70	11/32		10.00	10.90
1/2	7/6	1/2	13/32	seant	9.00	9.70
10	31/32	10	29/64		9.00	9.60
5/8	1 1/16	5/8	1/2	full	8.70	9.20
3/4	1 1/4	3/4	5/8	scant	8.50	8.90
7/9	1 7/16	7/a	47/64	scant	8.40	8.80
1	1 5/8	1	27/32	scant	8.40	8.80
11/8	1 13/16	11/6	15/16	full	8-40	8.80
11/4	2	11/4	1 1/16	full	8.40	8.80
13/8	2 3/16	13%	1 5/32	full	8.50	9.00
11/2	2 3/8	11/2	1 9/32	full	8 80	9.40
15/8	2 9/16	154	1 25/64	scant	9.00	9.70
13/4	2 3/4	13/1	1 1/2	scant	9.30	10.00
17/8	2 15/16	178	1 5/8	scant	9.50	10.30
2	3 1/8	2	1 23/32	scant	9.70	10.60



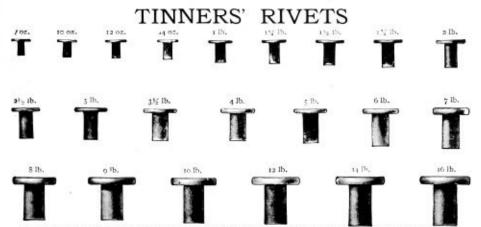


United States Standard Hot Pressed Hexagon Nuts List of January 1, 1906 Per 100 pounds.

Size of Short Bolt Diam.		Thick- ness	He	le	Blank	Tapped
1/4	1/2	1/4	3/16	scant	\$ 20.00	\$ 22-59
re.	19/32	18	1/4	scant	18.00	20.00
3/4	11/16	3/8	19/64	scant	14.00	15.60
3/8 78	25/32	18	11/32		13.00	14.30
1/2	7/4	1/2	13/32	scant	11.20	12.20
Pa !	31/32	70	29/64		11.20	12.10
9/8	1 1/16	5/8	1/2	full	10.50	11.20
3/4	1 1/4	3/4	5/8	scant	10.00	10.60
7/8	1 7/16	1/8	47/64	scant	9.90	10.50
1	1 5/8	1	27/32	scant	9.90	10.50
11/8	1 13/16	11/8	15/16	full	9.90	10.50
11/4	2	11/4	1 1/16	full	9.90	10.50
1%	2 3/16	13%	1 5/32	full	10.00	10.70
11/2	2 3/8	11/2	1 9/32	full	10.30	11.10
15/8	2 9/16	15%	1 25/64	scant	10.50	11.40
13/4	2 3/4	13/4	1 1/2	scant	10.80	11.70
17/8	2 15/16	17/8	1 5/8	scant	11.00	12.00
2	3 1/8	2	1 23/32	scant	11.20	12.30

In kegs containing 200 pounds. For less than keg lots (200 pounds) of a size, add 20 cents per 100 weight for 100 pounds or over; 50 cents per 100 weight for less than 100 pounds. All tables given on this page are approximate, to aid in ordering, and are not guaranteed.





List giving prices and approximate dimensions of Tinners' Rivets, 1000 in a package

	Size	Black		Black		Ti	nned	Length	V	meter Vire uge		Size	В	lack	Ti	nned	Length	W	neter Tire uge
8	Ounce	8	-20	8	.28	5/32	No.	131/4	31/2	Pound	8	.70	8	1.22	21/64	No.	. 8		
10	41	555000	.22	200200	.31	11/64	44	13	4	44		.76	1	1.36	11/32	14	71/4		
12	44		-24	1	-35	3/16	14	121/4	5	44		.90		1.65	3/8	14	634		
14	46		.26	1	.39	3/16	16	12	6	64		1.08		1.98	25/64	84	6		
1	Pound		.27		.42	13/64	**	113/4	7	64		1.26		2.31	13/32	64	51/4		
11/4	**		.29		-48	7/32	51	11	8	64		1.44		2.64	7/16	84	43/4		
11/2	14		.33		-55	15/64	**	101/4	9	44		1.53		2.88	29/64	31	41/4		
13/4	44		.37		-64	1/4	64	10	10	46		1.75		3.25	15/32	41	4		
2	**		.42	1	.72	17/64	0.1	91/4	12	**		1.96		3.76	1/2		3		
$2^{1/2}$	64		-55		.83	9/32	44	91/4	.14	61		2.31		4.41	33/64	44	2		
3	**		-60		1.05	5/16	- 44	91/4	16	44		2.64		5.04	17/32	**	1		

# IRON RIVETS IN BULK



Flat Head.



Round Head.



Countersunk Head



Wagon Box Head.

List of January 8, 1904

Flat, Round, Countersunk or Wagon Box Head.

Per pound in 10 and 5 pound boxes.

Inc. or	January	0, 1001					Le	ngth										
Size Wire	and longer	7∕s	3/4	%	1/2	10	ığı	13	3/8	11	Ú.	92	1/4	372	าใช	52	1/8	52
7e 3/8 3/8 3/1 1 2 3 3/4 4 5	19 19 19½ 19½ 20 20 20 20 21	$\begin{array}{c} 19 \frac{1}{2} \\ 19 \frac{1}{2} \\ 20 \\ 20 \\ 26 \frac{1}{2} \\ 20 \frac{1}{2} \\ 20 \frac{1}{2} \\ 20 \frac{1}{2} \\ 21 \frac{1}{2} \\ 21 \frac{1}{2} \end{array}$	19½ 19½ 20 20 20½ 20½ 20½ 20½ 21½ 21½ 21½	20 20 <sup>1</sup> / <sub>2</sub> 20 <sup>1</sup> / <sub>2</sub> 21 21 21 21 21 22 22	20 20 <sup>1</sup> / <sub>2</sub> 20 <sup>1</sup> / <sub>2</sub> 21 21 21 21 21 22 22	21 21 21 22 22 22 22 23 23	21 22 23 23 23 23 23 23 23 24	22 23 23 23 23 24 24	22 23 23 23 23 23 24 24	23 23 23 23 24 24	24 24 24 24 24 25	24 24 24 24 26	24 24 24 26	25 25 27	25 25 27	26 28	28	29
6 1 <sup>3</sup> tr	21 21	21½ 21½	21½ 21½	22 22	22 22	23 23	24 24	24 24	25 25	25 25	26 26	26 26	27	28 28	29	29 30	29 31	30
7 8 9	21 22 23	21½ 22½ 23½	22 22½ 23½	23 23 24	23 23 24	24 24 25	24 25 26	24 25 26	25 26 27	25 26 27	26 27 29	26 27 29	27 28 29	29 30	29 30 31	30 31 33	31 32 35	32 33 36

List Rebates .- For 25 and 50 pound boxes, deduct 2 cents per pound from list price. For 100 and 200 pound kegs, deduct 4 cents per pound from list price. Flat, round, countersunk or wagon box head rivets not carried in stock; shipped from factory direct.



# BOILER RIVETS



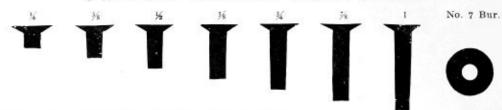
Cone, Round or Steeple Head Rivets; Boiler Rivets; Structural Rivets.

%-inch diameter to 1¼-inch diameter. Ha-inch diameter and %-inch diameter. ... Per 100 pounds \$ " 100 " 100

Countersunk heads, flat or special heads at special prices upon receipt of specifications covering size and quantity. 200 pound in a keg.



# COPPER RIVETS AND BURS





 No. 8.—Sizes ½, ¾, ½, ½, ½, ½, ½, ½, ½, ½, ½, ½, ½
 No. 1, ½, 1½, 1½, 1½, 1½, 1½, 11½ inch, in 1 pound boxes
 Per pound \$ .50

 No. 8.—Sizes ½, ¾, ½, ½, ½, ½, ½, ¼, 1 inch, in ½ pound boxes
 .53

 No. 8.—Sizes assorted, ¾, ½, ½, ¾ and ¾ inch, in ½ pound boxes
 .56

 No. 8.—Sizes assorted, ¾, ½, ½, ¾ and ¾ inch, in ¼ pound packages. One dozen in carton
 Per dozen

 1.74

TTTTT

No. 10.—Sizes ¼, ¾, ½, ½, ¾, 1, inch, in 1 pound boxes.

No. 10.—Sizes ¼, ¾, ½, ½, ¾, 1, inch, in ½ pound boxes

No. 10.—Sizes assorted ¾, ½, ¾, ¼, 1 inch, in ½ pound boxes

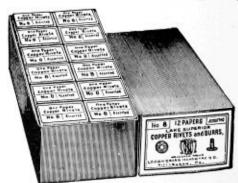
No. 10.—Sizes assorted ¾, ½, ¾ and ¾ inch, in ¼ pound packages. One dozen in a carton.

Per dozen 1.86

TTTTTT



Showing pound and half pound boxes Copper Rivets and Burs.



Showing one-fourth pound boxes Copper Rivets and Burs in cartons of one dozen,



# CLINCH RIVETS





Coppered clinch rivets. Bevel pointed. Each carton contains hand rivet set. Can be set and clinched with any hand hammer. In cartons containing 100 rivets each.

each.	
No. 9Assorted 4/16 to 8/16. In paper cartons.	
Per dozen	\$ 1.20
No. 9T Assorted 4/16 to 8/16. In tin cartons.	10
Per dozen	1.50
No. 6C Assorted 5/16 to 12/16. In paper cartons.	
Per dozen	4.00
One dozen in a box.	

# TUBULAR RIVETS



Tubular rivets. In paper cartons containing 50 rivets each.

No. 38. —Japanned.	3/16	0 8/16	assorted.	Doz.	\$ 1.20
No. 38C Coppered.			assorted	44	1.20
No. 6 Japanned.	6/16.	Solid	sizes	44	1.50
No. 8. —Japanned.	8/16.	Solid	sizes	44	1.80
No. 10. —Japanned.	10/16.	Solid	sizes	**	2.00
No. 12. —Japanned.	12/16.	Solid	sizes	44	2.40

One dozen in a box.

# RIVETING MACHINES





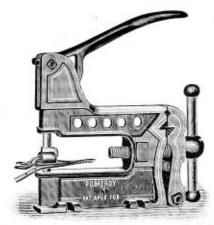
Rex.—Cast Iron. Adjustable to any length and does the work with ease. Suitable for tubular and split rivets ................. Each \$ 1.20

One in a carton.





No. 1.—Pomeroy. Self adjusting, so that various lengths of tubular or split rivets may be used without change. Also has pocket for carrying rivets and vise attachment. Each \$ 3.50



"STERUNG BRAND FOR QUALITY STANDS



# DRIFT BOLTS

ROUND HEAD



# COUNTER SUNK HEAD



### PLAIN HEAD



### Drift Bolts. Round head, countersunk head or plain head.

1/2 inch x 9, 10, 12 or 14 inches long	Per 100	) pounds.8
5% inch x 10, 12, 14, 16, 18 or 20 inches long	**	"
34 inch x 14, 16, 18, 20, 22 or 24 inches long		**
7's inch x 14, 16, 18, 20, 22, 24, 26, 28 or 30 inches long		
1 inch x 14, 16, 18, 20, 22, 24, 26, 28 or 30 inches long	**	*****

Special sizes to order.

In ordering, specify whether round, countersunk or plain head is wanted.

200 pounds in a keg.

# BOAT SPIKES



3/4 inch square x 12, 14, 16, 18, 20, 22 or 24 inches long	over	base.	Per 1	00 pounds \$	.15
% inch square x 8, 10, 12, 14 or 16 inches long	4		- 11		.15
1/2 inch square x 6, 8, 10, 12, 14 or 16 inches long	4 4	18	**	"	.15
Is inch square x 6, 8, 10 or 12 inches long			16	44	-20
3% inch square x 4, 5, 6, 7, 8, 9, 10 or 12 inches long		0	4.6	**	-30
3/4 inch square x 3 or 31/2 inches long	4 61		**	**	-55
in inch square x 4, 5, 6, 7 or 8 inches long	4 41		41	66	.45
1/8 inch square x 31/2 inches long	4 6	9	**	**	.70
1/4 inch square x 4, 5, 6, 7 or 8 inches long	4 (1)	4	**	**	.75
1/4 inch square x 3 or 31/3 inches long		6	34.0	16	1.00

# BARGE SPIKES

1/4 inch x 4, 5, 6, 7 or 8 inches long		44	44	
Barge Spikes, shorter than 4 inches	long	. "	**	

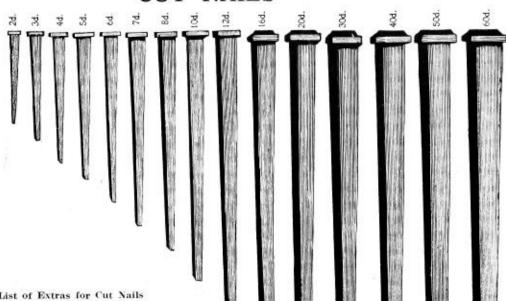
# RAILROAD SPIKES



				A 10		
Size, inches For rail No. in keg Advance over base per 100 pounds	. 45 to 100	5x-7: 40 to 56 405 Base	4½x½ 35 to 40 460 Base	5x½ 35 to 40 475 •10	4½x½ 28 to 35 518 •10	4x½ 24 to 35 605 .10
Size, inches   3½x½	3x½ 20 to 30 735 .10	4½x√c 20 to 30 690 •20	4X√6 20 to 30 780 -20	3 <sup>1</sup> / <sub>2</sub> X <sub>1</sub> T <sub>0</sub> 16 to 25 890 -20	4½x¾ 16 to 25 780 ,30	4x3/ <sub>8</sub> 16 to 25 1025 .30
Size, inches     3½x¾s       For rail     16 to 20       No. in keg     1250       Advance over base per 100 pounds     .30	2x3/8 16 to 20 1380 -30	$2\frac{1}{2}$ x <sup>3</sup> / <sub>8</sub> 12 to 16 1650 .40	3½x fr 12 to 16 1563 -60	3x ½ 12 to 16 1880 .60	2½x½ 8 to 12 2230 -60	2x 16 8 to 12 2585 -80
Railre	oad Spikes 2	00 pounds in	a keg.			



# CUT NAILS



National List of Extras for Cut Nails Adopted April 30, 1902

# COMMON

Size	Length	Approx. No. to 1b.	Advance over base per 100 lbs
2d	1 in.	800	\$ 0.75
3d	11/4 "	464	-45
4d	11/2 "	296	-30
5d	13/4 "	224	-30
6d	2 "	168	-20
7d	21/4 "	120	-20
8d	21/2 "	88	.10
9d	23/4 "	70	.10
10d	3 "	60	.05
12d	31/4 "	48	-05
16d	31/2 "	36	.05
20d	4 "	24	Base
30d	41/2 "	17	**
40d	5 "	13	"
50d	51/2 "	9	"
60d	6 "	8	**

# HINGE

		0.000
Cut Hinge Nails in 25 p	ound boxes.	
Size 6d	8d	10d
Length, inches 2	21/2	3
Per pound \$		
Cut Hinge Nails in 100	pound kegs.	
Size 6d	8d	10d
Length, inches 2	21/2	3
Don how 6		

# FENCE

		Approx	Advance over
Size	Length	Approx. No. to 1b.	Advance over base per 100 lbs

Size	Length	Approx. No. to 1b.	Advance over base per 100 (bs.
8d	2½ in.	48	\$ 0.10
9d	2¾ "	36	.10

# CLINCH

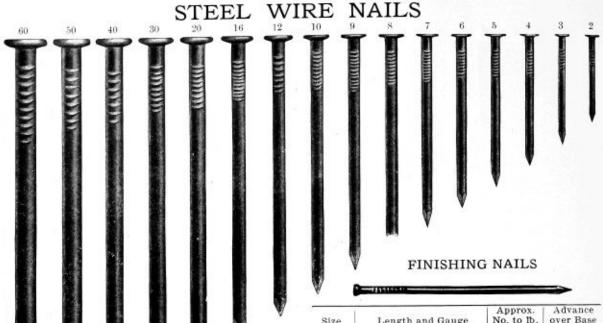
Advance ove base per 100 ib	No to 1b.	Length	Size
\$ 0.75	180	11/2 in.	4d
,75	140	13/4 "	5d
-65	95	2 "	6d
-65	74	21/4 "	7d
-55	62	21/2 "	8d
-55	53	23/4 "	9d
-45	46	3 "	10d

# CASING

Size	Length	Approx No. to lb.	Advance over base per 100 lbs
6d 7d	2 in.	224	\$ 0.35 -35
7d	21/4 "	168	-35
8d	21/2 "	128	-25

Except as noted sold only in full kegs containing 100 pounds each





Size	L	ength a	nd Ga	uge	Approx. No. to lb.	Advance over Base per 100 lbs
2d	1	inch.	No.	161/2	1351	8 1.15
3d	11/4	46	**	151/2	807	.85
4d	11/2	66	64	15	584	-65
5d	13/4	64	**	15	500	-65
6d	2	64	44	13	309	-45
7d	21/4	66	64	13	238	.45
8d	21/2	44	64	121/2	189	-35
9d	23/4	64	**	121/2	172	-35
10d	3	64	64	111/2	121	-25
12d	31/4	64	**	111/2	113	.25
16d	31/2	44	44	11	90	-25
20d	4	64	**	10	62	.25

For finishing nails in 25 lb. boxes carried in stock see page 549.

CASING NAILS

# COMMON NAILS

Size	Le	ngth a	nd Ga	uge	Approx. No. to lb.	Advance over Base per 100 lbs.		
2d	1	inch.	No.	15	876	\$ 0.70		
3d	11/4	11	**	14	568	.45		
4d	11/2	84	48.	121/9	316	-30		
5d	13/4	44	46	121/2	271	-30		
6d	2	84	46	111/2	181	.20		
7d	21/4	**	16	111/2	161	.20		
8d	21/2	46	**	101/4	106	.10		
9d	23/4	**	**	101/4	96	-10		
10d	3	44.	44	9	69	-05		
12d	31/4	**	46	9	63	.05		
16d	31/2	44	44	8	49	-05		
20d	4	**	**	6	31	Base		
30d	41/2	46	41	5	24	**		
40d	5	44	46	4	18	44		
50d	51/2	11	44	3	14	**		
60d	6	44	44	2	11	- 44		

### SLATING NAILS

Size	Length	and Gauge	Approx. No. to Ib.	Advance over Base per 100 lbs.
2d	1 inch	No. 12	411	\$ 0.80
3d	11/4 "	" 101/6	225	-60
4d	11/2 "	" 101/4	187	.40
5d	13/4 "	" 10	142	-40
6d	2 "	" 9	103	.30

Advances in effect Feb. 1, 1910

# ( App

Size	Le	ength a	and Ga	uge	Approx. No. to Ib.	Advance over Base per 100 lbs.
2d	1	inch	No.	151/2	1010	* 1.00
3d	11/4	64	**	141/2	635	-70
4d	11/2	64	61	14	473	-50
5d	13/4	44	**	14	406	-50
6d	2	64	64	121/2	236	-35
7d	21/4	**	44	121/2	210	-35
8d	21/2	84	44	111/2	145	.25
9d	23/4	**	**	111/2	132	.25
10d	3	44	61	101/2	94	.15
12d	31/4	64	**	101/2	87 .	.15
16d	31/2	64	44	10	71	.15
20d	4	64	**	9	52	-15
30d	41/2	64	44	9	46	-15
40d	5	**	**	8	35	.15

# BARBED ROOFING NAILS

s	ze Lengtl		ength a	and Gauge		Approx. No. to fb.	Advance over Base per 100 lbs.	
3/4	inch	3/4	inch	No.	13	714	8	0.75
7/4	11	3/4	64	**	12	469		-65
1	**	1	66	46	12	411		.60
11/2	81	11/9	64	- 44	12	365		.60
11/4	64	11/4	64	44	11	251		.55
1%	84	13/9	64	**	11	230		.55
11/2	95.	11/2	64	44	10	176		.45
13/4	84	13/4	64	**	10	151		.45
2	**	5	16	44	9	103		35

Barbed Roofing Nails 1 inch, No. 12, also carried i stock in 5, 10 and 25 lb. boxes. For prices see page 219.

Sold only in full kegs containing 100 pounds.



# STEEL WIRE NAILS

# FENCE NAILS

### Advance Size Length and Gauge Approx. No. to lb over Base per 100 lbs 1¾ inch 5d No. 10 142 -30 \$ \*\* 6d 2 10 .20 124 21/4 21/2 23/4 44 7d 9 92 .20 66 8d 9 82 -10 \*\* 9d 8 62 .10 10d 3 7 50 .05 31/4 31/2 12d 40 .05 16d 30 .05 20d

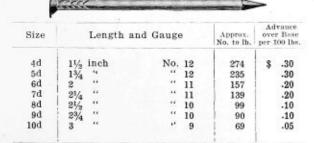
# COMMON BRADS

Size		Lengt	h and	Gauge		Approx. No. to lb.	Advance over Base per 100 lbs
2d	1	inch		No.	15	876	\$ .70
3d	11/4	**		**	14	568	-45
4d	11/2			**	121/2	316	.30
5d	13/4	**		**	121/2	271	.30
6d	2	44		64	111/2	181	-20
7d	21/4	**		"	111/2	161	-20
8d	21/2	**		**	101/4	106	.10
9d	23/4	44		44	101/4	96	.10
10d	3	41		64	9	69	.05
12d	31/4	**		**	9	64	.05
16d	31/2	**		**	8	49	-05
20d	4	**		**	6	31	Base
30d	41/2	**		44	5	24	**
40d	5			44	4	18	**
50d	51/2	44		14		16	**
60d	6	**		**	3	11	

### FLOORING BRADS

Size		Length	Approx. No. to lb.	Advance over Base per 100 lbs.		
6d	2	inch	No.	11	157	\$ .20
7d	21/4	6.6	44	11	139	-20
8d	21/2	**	**	10	99	-10
9d	23/4	**	45	10	90	.10
10d	3	4.	44	9	69	-05
12d	31/4	44	**	8	54	.05
16d	31/2	**	**	7	43	-05
20d	4	**	44	6	31	.00

# TOBACCO NAILS



### SMOOTH BOX NAILS

Size		Length a	nd Gaug	е	Approx. No. to lb.	Advance over Base per 100 lbs
2d	1	inch	No.	151/2	1010	\$ 1.00
3d	11/4	**	1.0	141/2	635	.70
4d	11/2	**		14	473	-50
5d	13/4	4.5		14	406	-50
6d	2	4.4		121/2	236	-35
7d	21/4	**	**	121/2	210	-35
8d	21/2	**	14	111/2	145	-25
9d	23/4		**	111/2	132	-25
10d	3	**	**	101/2	94	-15
12d	31/4	**	44	101/2	88	-15
16d	31/2	4"		10	71	.15
20d	4	16	**	9	52	.15
30d	41/2		44		46	-15
40d	5		44	9 8	35	-15

### FINE NAILS

Size		Length and	Gau	ge	Approx. No. to lb.	Advance over Base per 100 lbs.
2d Ex. fine;	1	inch	No.	17	1560	8 1.10
2d	1	**	14	161/2	1351	1.00
3d Ex. fine	11/8	**	**	16	1015	-65
3d	11/8	44	44	15	778	.50
4d	11/2	**		14	473	+50

### BARBED DOWEL PINS

Size			Length :	Approx. No. to lb.	Advance over Base per 100 lbs.		
5/8	inch	5/8	inch	No.	8	290	8 1.25
	**	3/4	"	**	8	250	1.00
3/4 7/8	- 14	7/8	**	4.6	8	210	-85
1	**	1	**	4.4	8	190	.70
11/8	11	11/8		44	8	165	-60
11/4	11	11/4	**	4.4	8	150	-60
13/4	9	1%	**	44	8	130	.60
11/2		11/2	**	- 44	8	120	.60

# BARREL NAILS



1	Size		Length and Gauge			Approx. No. to lb.	Advance over Base per 100 lbs.
5/8	inch	1 5/8	inch	No.	151/2	1615	\$ 1.35
3/4	14	3/4	**	**	151/2	1346	1.00
% % % %	**	1 %	44		141/2	906	-85
1	44	1	44	**	141/2	775	.70
11/8	44	11/8	44		141/2	700	.60
11/4	44	11/4	11	**	14	568	.50
13/8	**	13%	**	**	13	400	.40
11/2	44	11/2	4.6	**	13	357	.30

### SMOOTH FOUNDRY NAILS



Sm	ooth	Foundry	Nails. Ad	vance ove	r Base pe	r 100 lbs.
			No. 8	No. 9	No. 10	No. 11
			1/2-in. hd.	1/2-in. hd.	1/2-in. hd.	n-in. hd.
1	inch		\$ .65	.75	-85	.95
				-50	-60	.70
2	16			.45	.55	-65
21/2	**		O.F	-40	.50	-60
0	16		.30	.35	.45	.55

-35 31/2 and longer .... .20 .25 .45 Shorter and intermediate sizes quoted upon receipt of specifications.

Advances in effect Feb. 1, 1910.

Sold only in full kegs, containing 100 pounds.

"STERUNG BRAND FOR QUALITY STANDS"



# NAILS

### SPIKES



Made only in Flat Head, Diamond Point and Oval Head Chisel Point

Size	Le	ngth	and Gauge	Approx No. to R	Advance over Base o per 100 lbs.
10d	3	inch	No. 6	40	\$ -10
12d	31/4	44	6	37	-10
16d	31/2	44	" 5	30	-10
20d	4	44	" 4	22	-10
30d	41/2	4.4	3	17	.10
40d	5	44	" 2	13	-10
50d	51/2	64	" 1	10	.10
60d	6	*4	" 1	9	.10
7 inch	7	**	18	inch 61/2	.10
8 "	8	66	3/8	" 4	.10
9 "	9	**	3/4	" 31/2	.10
10 "	10	66	3/6	" 3	.25
12 "	12	25	3/8	" 21/2	-25

### BOAT NAILS, LIGHT



Size	Length and I	Diameter	Approx. No. to lb.	Advance over Base per 100 lbs.
4d	11/2 inch	inch inch	82	\$ 1.05
6d	2 "	76. **	62	.95
8d	21/2 "	16 "	50	-85
10d	3 "	1/4 "	22	.75
12d	31/4 "	1/4 "	20	.75
16d	31/2 "	1/4 "	18	.75
20d	4 "	1/4 "	16	.75

# BOAT NAILS, HEAVY

Size	Length and I	Diameter Approx	Advance over Base per 100 lbs.
4d	$1\frac{1}{2}$ inch	1/4 inch   44	8 1.05
6d	2 "	1/4 " 32	-95
8d	21/2 "	1/4 " 26	-85
10d	3 "	3/9 " 14	-75
12d	31/4 "	3% " 13	-75
16d	31/2 "	3/6 " 12	-75
20d	4 "	3/2 " 10	-75

# CLINCH NAILS



Bright Clinch Nails furnished unless otherwise ordered.

Size	Length and	Gauge	Approx. No. to lb.	Advance over Base per 100 lbs.
2d	1 inch	No. 14	710	\$ 1.05
3d	11/4 "	" 13	429	-85
4d	11/2 "	" 12	274	-65
5d	13/4 "	., 13	235	-65
6d	2 "	. 11	157	-55
7d	21/4 "	" 11	139	-55
8d .	21/2 "	" 10	99	-45
9d	23/4 "	" 10	90	-45
10d	3 "	9	69	-35
12d	31/4 "		62	-35
16d	31/2 "	" 9 " 8	49	.35
50q	4 "	7	37	-35

Advances in effect Feb. 1, 1910.

HINGE NAILS, HEAVY

Oval Head



Size	Length and I	Diameter	Approx. No. to lb.	Advance over Base per 100 lbs.
4d	11/2 inch	1/4 inch	50	8 .80
6d	2 "	1/4 "	38	.70
8d	21/2 "	1/4 "	30	-60
10d	3 "	3/6 "	12	-50
12d	31/4 "	3/8 ***	11	-50
16d	31/2 "	3/8	10	-50
20d	4 "	3/8 "	9	.50

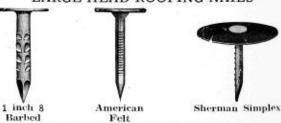
# HINGE NAILS, LIGHT

Size	Length and	Diameter	Approx. No. to 1b.	Advance over Base per 100 lbs.
4d	11/2 inch	3 inch	82	\$ .80
6d	2 "	78 "	62	.70
8d	21/2 "	7a "	50	-60
10d	3 "	1/4 "	25	-50
12d	31/4 "	1/4 "	23	-50
16d	31/4 "	1/4 "	22	-50
20d	4 "	1/4 "	19	-50

### POINTED HINGE NAILS

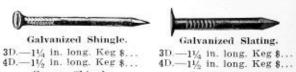


# LARGE HEAD ROOFING NAILS



| 1-in. No. 8 Barbed | -\frac{1}{2}-in. head. 158 to | b. Per keg \$ ... American Felt. | -1-in. No. 12. \frac{1}{2}-in. head. 198 to | b. Per keg | 1-inch Sherman Simplex. | -1-inch head. | 130 to | b. Per keg | 13/2-in. Sherman Simplex. | 1-in. head. | 108 to | b. Per keg | 13/2-in. Sherman Simplex. | 1-in. head. | 108 to | b. Per keg | 13/2-in. head. | 108 to | b. Per keg | 13/2-in. head. | 108 to | b. Per keg | 13/2-in. head. | 108 to | b. Per keg | 13/2-in. head. | 108 to | b. Per keg | 13/2-in. head. | 108 to | b. Per keg | 13/2-in. head. | 108 to | b. Per keg | 13/2-in. head. | 108 to | b. Per keg | 13/2-in. head. | 108 to | b. Per keg | 13/2-in. head. | 108 to | b. Per keg | 13/2-in. head. | 108 to | b. Per keg | 13/2-in. head. | 108 to | b. Per keg | 13/2-in. head. | 108 to | b. Per keg | 13/2-in. head. | 108 to | b. Per keg | 13/2-in. head. | 108 to | b. Per keg | 13/2-in. head. | 13/2

# GALVANIZED AND COPPER NAILS



4D.—1½ in. long. Keg \$...

Copper Shingle.

3D.—1¼ in. long. Keg \$...

4D.—1½ in. long. Keg \$...

Copper Slating.

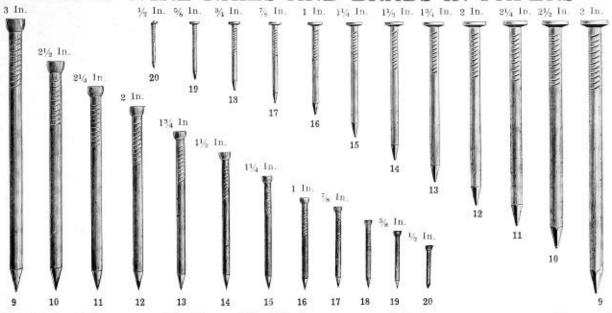
3D.—1¼ in. long. Keg \$...

4D.—1½ in. long. Keg \$...

Sold only in full kegs, containing 100 pounds.



# STEEL WIRE NAILS AND BRADS IN PAPERS



ists in ef	řect Feb. 1,	1910-	Miscel	laneous	Wire N	ails in 1	, 5 or 10 1	pound P	ackages.			Per	pound
Length	Nos. 22	21	20	19	18	17	16	15	14	13	12	11	10
1-4	\$ 1.90	1.55	1.25	1.00			*******						
3-8	1.55	1.25	1.00	.90	.80		********						
1-2	1.25	1.00	.85	.75	.65	.60	.55	.55	.55				
5-8	1.10	.85	.75	. 65	.58	.52	.50	.45	.43	.43	.43		
3-4		.85	.70	.60	.52	.46	.43	.42	.38	.38	.36	.36	.36
7-8			.67	.56	.45	.43	.39	.36	.35	. 34	.33	.33	.33
1			. 64	.53	.43	.40	.36	.33	.32	.31	.30	.30	.30
11/						.39	.34	.32	.31	.30	. 29	.29	.29
1 14	1					.38	.33	.31	.30	.29	.29	.29	.29
134						20	.32	.30	.29	.28	.28	.28	.28
274							. 35	.30	.29	.28	.28	.28	.27
24							*******		-29	.28	.28	.28	,27
21/2						1 1				.28	.27	.27	.26
3							********				.27	.26	.25

### LIST OF EXTRAS

Add to list 4 cents per pound for ½-pound paper boxes.

" " 8 " " for ½-pound paper boxes.

" " 2 " for barbing.

" " 2 " for Cone Head. Special Head & Hdless

same length applying on the next finest full gauge.

For fractional gauge nails, use the list price for

2 cents for Needle Points and Special Points.

For Nails combining several specialties, add as above for each.

For sizes not listed, use list price for same gauge in nearest shorter length.

Nails heavier than listed, at special net prices, according to quantity.

Tinned or Galvanized Nails at special prices.

### REBATES FROM LIST PRICES

Rebate for 25 and 50-pound boxes, 1 cent per pound. Rebate for Nails in 100-pound kegs, 2 cents per pound.

# STOCK SIZES BRADS, FINISHING AND FLAT HEAD WIRE NAILS.

In Packages as Noted Below.

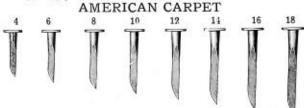
			VIRE E	RADS	N 1 PO	UND PAPE	RS				To all
1/2 Inch	5/ Inch	3,	4 Inch			% Inch		1 Inch	i.	11/2	Inch
19 & 20	18 & 1	9 17, 1	8, 19 &	20	17	, 18 & 19		15. 16. 17			
11/2 Inc	eh.	13/4 Inch				2 Inch		21/2	Inch		3 Inch
14. 15, 16, 1	7 & 18	14, 15 & 16			12	, 13 & 14		12	& 13		12
			WIRE	BRADS	IN 5 CF	ENT PAPEL	RS				
Sinon						7/s-17		11/4-16	11/2	-15	2-14
nizes			78	0		2.50		2.50		50	2.50
er dozen .		\$ 2.50					2.00	2.00	4.	30	2.00
			0	ne doze	n in a p	раскаде.					
		WIRE	FINISH	HNG N.	AILS IN	25 POUND	BOXES.				
Sizes				3		5	6	7	8	9	10
nches			ĩ	11/4			2	21/4	21/2	23/4	3
lon nound	*********			4 /4	200						
er pound .											
		FLAT I	HEAD V	WIRE N	AILS IN	1 POUND	PAPERS.		1000	100	
	3/4 Inch	1 Inch	11/4	Inch		11/2 Inch	1	3/4 Inch	2 I	nch	
	18			& 16		14		13	7	13	
	10					e constant	DADEDS				
						N 5 CENT	TAPERS.	Loc are			0.0000000000000000000000000000000000000
izes			3	6-20	5/9-19	3/4-18				11/4-15	11/2-14
er dozen			\$	2.50	2.50	2.50	2.50	2.	50	2.50	2.50
			0	no doze	n in a pa			77.0			
				THE GOVE	er ere er be	and the same of th					





Sterling. Bright steel, needle pointed. Attractive three color package, each containing 500 full count tacks. In case containing 72 packages.

No. 8.—72 packages 8 oz. . . . . . . Per case \$ 4.00 No. 80.—72 packages assorted 6, 8 and 10 oz. " 4.00



American Carpet Tacks, Flat Head, Blued. Half weight. Ounce ....... 4 6 8 10 12 14 16 18 Per dozen ....\$1.60 2.10 2.70 3.35 4.00 4.75 5.45 6.15 Per dozen ....\$1.60 2.10 2.70 5.50 2.00 One dozen papers in a package.

American Carpet Tacks. Blued. 25 pound boxes. Ounce ...... 6 Per pound ,..... \$ 1-28 8 10 1.18 1.13 1.08



Upholsterers' Tacks. Swedes Iron. Blued. Half Weight. Ounce ..... 2 2½ 3 4 6 8 10 12 14 16 Per dozen. 8 1.75 1.85 2.10 2.35 3.10 3.85 4.60 5.35 6.10 6.85 One dozen papers in a package.

GOLDEN EAGLE TACKS



Golden Eagle .- Anti-rust. Oval head, brass-plated. Do not show in the carpet. In attractive packages. In case containing 72 packages assorted 6, 8 and 10 ounce ...... Per case \$ 4.00

WIRE CARPET 8 10 12

Wire Carpet Tacks. Checkered head. Blued. Half weight. 

Wire Carpet Tacks. Blued. 25 pound boxes.

.....\$ 1.38 1.18 Per pound WIRE UPHOLSTERERS' 16

Wire Upholsterers' Tacks. Blued. Half weight. One dozen papers in a package.

AMERICAN CUT 18 6 8 10 12 14 16 American Cut Tacks. Blued. Half Weight.

21/9 16 1.60 1.85 2.35 7.10 Per dozen ..... \$ 1.40 1.50 1.55 2.95 4.25 1.45 One dozen papers in a package.

American Cut Tacks. Blued. 25 pound boxes.

RAILROAD CARD

WIRE RAILROAD CARD 8 10

Railroad Card or Bill Posters' Tacks. Blued. 1 lb. Papers. 10 Ounce ..... 1.21 Ounce 6 Per pound \$ 1.28 1.18

Wire Railroad Card Tacks. Blued. One pound papers. Ounce ..... 8 1.18 Per pound ......\$ 1.28

Per lb. \$ 1.38

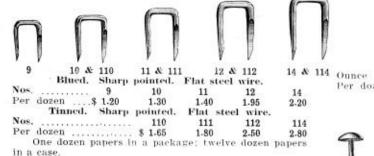
3.85



# TACKS, ETC.

DOUBLE POINTED TACKS

GIMP TACKS



# THUMB TACKS





No. 140.—Solidhed Thumb Tacks. Flat edges.
Brass head ½ in. in diameter. Numbers
1 to 100. 25 on a block. Numbered consecutively 1-25. 26-50, 51-75, 76-100. Per 100 \$1.80
250 in a box.

# LINING NAILS





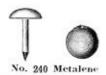


### HEADLESS BRASS PINS

Brass Headless Pins.

# UPHOLSTERY NAILS







	Gift upholstery nails.		arton.	
Nos.	********	43	42	41
Per	1000	\$ -85	-95	1.25
	50 nails in a carton; 20	cartons in	a box.	
	Gilt upholstery nails,	1000 in a	box.	
No.	42		Per 100	0 \$ .70
	Metalene upholstery nails	. Imitatio	n leather	28 Same
	240B.—Black			
	240G.—Green			2.00
No.	240M.—Maroon		**	2.00
	50 nails in a carton; 20	cartons in	a box.	200000

### ZINC GLAZIER POINTS





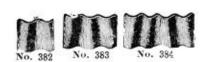




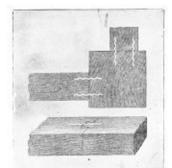
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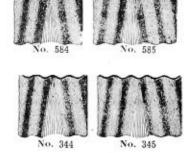
-60

### CORRUGATED FASTENERS









	Plain	divergen	t steel	corr	ugated	fastener
close	joint.	Useful	in a gr	reat v	variety	of ways.
					382	383
Depth	, inch	es			3/8	3/8
		ıs				3
Per 1	000				\$ .55	-75

Draws	pieces	together	when	fastener i	s driven,	forming	a tight,
384	123	124	125	584	585	344	345
3/8	1/2	1/2	1/2	5/8	5/8	3/4	3/4
4	3	4	5	4	5	4	. 5
.95 1000	-85 in a bo	1.05 0x.	1.30	1.30	1.70	1.45	1.85

# PICTURE HANGERS









No.	5763	-Brass plated.	
		-Brass plated.	
		-Solid brass.	
No.	5724	-Brass plated.	

	Plain pattern. 11/4 inch n	noulding. One gross in box	Per gross \$	.80
	Figured pattern. 11/2 or 2	inch moulding. One-half gross in box		2.40
	Figured pattern. 11% or 2	inch moulding. One-fourth gross in a box	41	4.80
4	Figured pattern. 11/2 inch	moulding. One-half gross in a box	**	6.00

# PICTURE NAILS





No. 9





nail; 2 screw eyes and 2½ yards of tinned picture cord. In neat carton ....... Per dozen \$ .80

Three dozen in a box.

# PICTURE CORD

TINNED						
	No. 0.					
	No. 1.					
	No. 2.					
	No. 3.					
	No. 4.					
	No. 5.					
	No. 6.					

Tinned Br	aided W	ire Picture	Cord	l. 25 y	ards in	a coil.
No. 0.— 4	strands			Per doz	en coi	ls \$ 2.50
No. 1 8					**	3.50
No. 212	strands			44	**	5.00
No. 319	strands			440		6.50
No. 420	strands			44	O.	8.00
No. 524	strands			Contract of the Contract of th	14	10.00
No. 628	strands				66	12-00
Same and the second						

Each coil in carton; one dozen cartons in box.

### TINNED 25 Ft. COILS

No. 251.	
No. 252.	
No. 253.	
No. 254.	

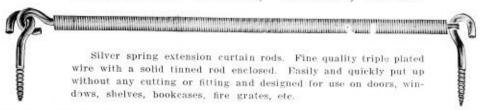
Tinned Braided Wire Picture Cord. 25 feet in a coil.

No. 251 8	strands	 Per	dozen	coils	\$ 1.75
No. 25212	strands				2.50
No. 25319	strands				3.25
No. 25420	strands				4.00

Each coil in carton; one dozen cartons in a box.



# CURTAIN RODS, RINGS, ETC.

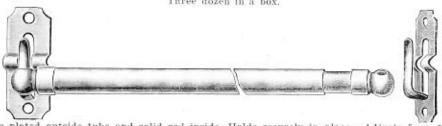


No. 1.—Extends from 16 to 28 inches No. 2.—Extends from 28 to 42 inches ... 1.60

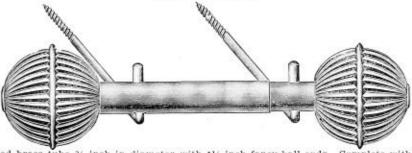
One dozen in a box complete with screw eyes.



No. 1769.—Brass plated and polished outside tube; brass plated inside rod. With Ball ends. Extends from 24 



No. 05519 .- Brass plated outside tube and solid rod inside. Holds securely in place. Adjusts from 24 to 44 in. Per dozen ..... One dozen in a box.

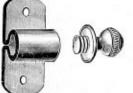


No. 5753.—Unpolished brass tube 3/4 inch in diameter with 11/3 inch fancy ball ends. Complete with screw hooks. Adjusts 30 to 54 inches ..... ..... Per dozen \$ 2.40 One dozen in a box.



Brass plated and polished vestibule rod. Solid. In 12 ft. lengths. No. 56.—% inch diameter. 12 feet lengths
No. 38.—% inch diameter. 12 feet lengths .05

# CURTAIN CURTAIN ROD BRACKETS



Nos. 1661/4 and 1663/8

Nos. 1101/4 and 1103/8

No. 16614.—Brass. For 1/4 inch rods. Per doz. prs. \$ 1.20 No. 16636.—Brass. For 3/8 inch rods " 1.40 No. 11014.—Brass. For 1/4 inch rods " " 1.60 For % inch rods No. 1103/8.—Brass. 1.80 Six dozen in a box.

RINGS

Brass Curtain Rings.

1/2 inch .... Per gross \$ 40 % inch .... .50 3/4 inch ..... One gross on a string.

DRAPERY PINS

.06



No. 0327 .- Brass-plated wire Drapery Pins Per gross ...... \$ .60 One gross in a box.

STERUNG BRAND FOR QUALITY STANDS"

# CURTAIN POLE BRACKETS





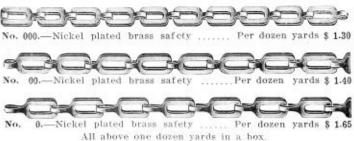
# JACK CHAIN

0-0-0-0-0-0-0-0	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	9
No. 120.—Brass		
0=0=0=0=0=0=	ひきりきょうべ	>
No. 18.—Iron		-28
No. 118.—Brass	44	.60
೦೨೦೨೦೨೦	)=D=D=(	
No. 16.—Iron		-30
No. 116.—Brass		.86
0=0=0=0	1999d	
No. 14.—Iron	Per dozen yards \$	.40
No. 114.—Brass	11	1.35





# SAFETY CHAIN



# STAIR CORNERS



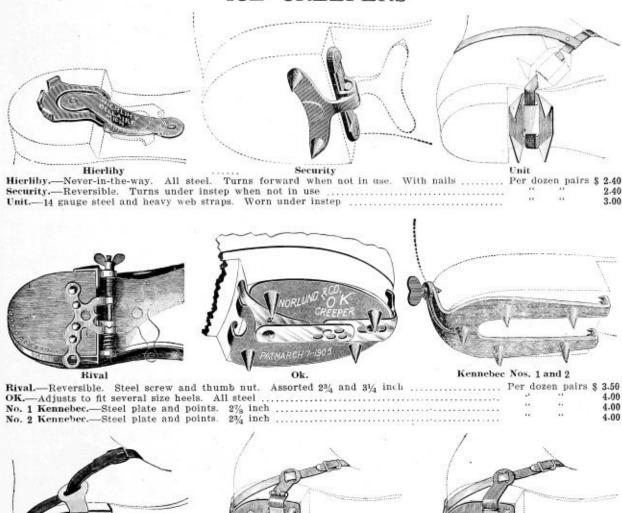
# STAIR BUTTONS

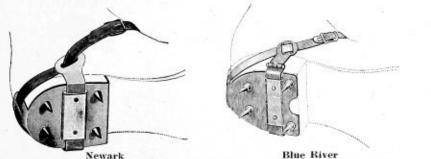


Plated stair buttons. Diameter 1% inches.
No. 0204A.—Antique Brass fin. Gross \$ 3.00
No. 0204B.—Bright brass finish " 3.00
One-half gross in a box.

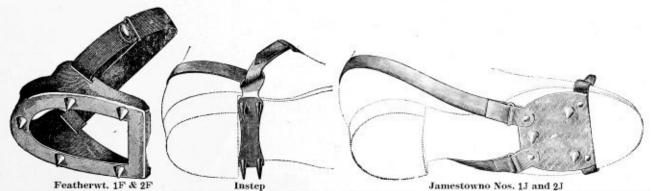


# ICE CREEPERS









No. 1F Featherweight.—Japanned steel plate. Elastic band. Slips over heel. Men's size. Ass'td. Per dozen pairs \$ 4.50
No. 2F Featherweight.—Japanned steel plate. Elastic band. Slips over heel. Women's size. Ass'td. " 4.50 Instep .- Long sharp points. Worn over boot or overshoe. Leather strap . . 4.00 No. 1J Jamestown.—Galv. plate, steel points. Leather toe and rubber heel straps. Men's size
No. 2J Jamestown.—Gal. plate, steel points. Leather toe and rubber heel straps. Women's size
One dozen pairs in a box. 12.00 12.00

"STERUNG BRAND FOR QUALITY STANDS"



# SHOE NAILS

### HOLD FAST

Pat. July 18, 1882. Pat. Mar. 16, 1886. 414-8 5-8 516-8 6-8 616-8 7-8

HOLD WHITE MATE

Trans.	FAST-				
Holdfast Patent Wir	e Clinch	ing Na	ils. No	. 16 Gau	ge.
1/4 pound papers.	One doz	en pape	rs in a	packag	e.
Inches	3/8	31/2/8	4/8	41/2 8	5 8
Per dozen	\$ .72	.72	.72	.72	.72
Inches	51/2/8	6/8	61/2/8	7/8	8/8
Per dozen				.72	.72
	-six doze				
1/2 pound papers.		ndred p	ounds	in a cas	e.
Inches	4/8	5/8		6/8	7/8

Inches . . . . . 4/8 5/8
Per pound . . . . . 3 .24 .24
One hundred pounds in a case.

BRASS

### Patent Brass Shoe Nails.

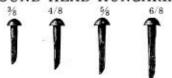
1's pound papers.	One	dozen	papers in a	раска	ge.
Inches	3/8	4/8	5/8	6/8	7/8
Per dozen ,\$	.80	-80	.80	-80	-80

1/2 pound papers. One dozen papers in a package.

Inches	4/8	5/8	6/8
Per dozen\$	1.60	1.60	1.60

Thirty-six dozen in a case.

# ROUND HEAD HUNGARIAN

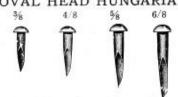


Round Head Hungarian Nails. 1/4 pound papers.

Inches 3/8 4/8 5/8 Per dozen .60 .60 -60 .60 One dozen papers in a package.

# OVAL HEAD HUNGARIAN

.24



6/8

Hungarian Nails, 50 dozen in a case.

# CONE HEAD HUNG.



Cone Head Hungarian Nails. 1/4 pound papers.

Inches ...... 4/8 Per dozen ....\$ .60 4/8 .60 1 doz. papers in a package.

### STAR HEAD HOB





Star Head Hob Nails. 1/2 pound papers.

3/8 6/8 .15 -15 .15

One hundred pounds in a case.

# MALLEABLE HOB

# TOE CLINKER



No. 231/2



No. 241/6

No. 231/2 .- Malleable hob nails. Extra large head, head. 3/4 in. long over all. ...... .... Per lb. Ten pounds in a sack.

# SOLE NAILS HEEL NAILS





No. 68

No. 78

No. 68.-Malleable sole nails. 6/8 in. long. For attaching malleable soles to shoes .... Per pound \$ .24 No. 78.—Malleable heel nails. 7/8 in. long. For attaching malleable heels to shoes. Per pound 1/2 pound in a paper; 5 pounds in a package.

# LUFKIN BOOT CALK SET



No. 150.-Lufkin boot calk sets. Cast steel, nicely polished. Length about 3 in. Will set all sizes Lufkin boot calks. ..... Per dozen \$ 3.00 One dozen in a box.

### LUFKIN BOOT CALKS



Lufkin boot calks. Forged crucible steel, bright finish. Tempered points and beaded shanks

Nos. 00	0	1	9	2
Length, in 3/4	3/4	i	11/8	11/4
Per 1000\$ 8.00	8.00	8.00	8.00	8.50

Nos. 00, 0, 1 and 2, 100 in a box, 1000 in a package. No. 3, 50 in a box, 500 in a package.



# HEEL AND SOLE PLATES

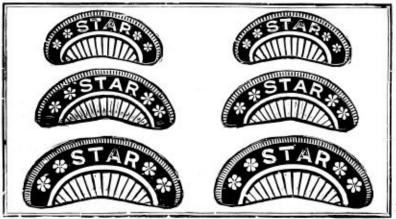






No. 2	No. 3		No	. 4	950
Star heel plates.	Malleable iron, natural finish. Made heavy and durable. Re	ady fo	or at	taching.	
No. 2.—Length 1 inches;	width 1/2 inch	I	Per g	ross pairs	\$ 1.80
	width inch		**	44	2.40
No. 4Length 13/4 inches;	width 3/4 inch		8.6	or.	3.00
	One-fourth gross pairs in a box.				

# STAR ON CARDS

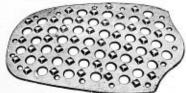


No. 234.—Star heel plates. Malleable iron, natural finish, heavy and durable. Mounted one pair each size (3 pairs in all) on card, actual sizes as shown . Per dozen cards \$ .80 Three dozen cards in a box.

### NORLUND



### MALLEABLE SOLES



Malleable iron soles.	Natural	finish.	Extra	strong
and durable. Easily attac	ched.			
Nos	7 8	9	10	11
For shoes 7	7 8	9	10	11
Per dozen pairs\$4.	00 4.00	4.00	4.00	4.00
One dozen p	airs in a	bundle.		

### HEEL STIFFENERS



No. 34.—Lyons heel stiffeners. Malleable iron, Japanned. Preserves the shape of a new shoe and prevents the wearing down of the heel. Assorted sizes 3 and 4 and suitable for heels 1¼ and 1¾ inches. Per dozen pairs

One dozen pairs in a box.

### MALLEABLE HEELS



Miners' heel plates. Malleable iron, natural finish. Covers the heel around the edge and of heavy weight to withstand wear.

No.	78.—For	shoes	7 to	8	Per doze	n pairs	\$ 1.20
No.	910For	shoes	9 to	10	44	**	1.20
No.	1112 For				**	44	1.20
	0	ne doz	ten p	airs in	a bundle.		

### MALLEABLE HEELS



Malleable iron heels	s. Natural	finish.	Extra	strong
and durable. Easily at	tached.			
Nos	07 08	09	010	011
For shoes		9	10	11
Per dozen pairs	\$2.00 2.00	2.00	2.00	2.00
One dozen	pairs in a	bundle	33	

For nails used in attaching malleable soles and heels see page 556-



# SHOE SOLES AND HEELS

### MEN'S



Sterling shoe soles or taps. Oak tanned. Selected stock. Smooth

								Per dox	prs.
No. 30Light.	3	in.	thick.	Assorted	sizes	8	to 12		8 2.40
No. 35.—Light.									
No. 40.—Medium.	4	in.	thick.	Assorted	sizes	10	to 13		.3.00
No. 45.—Medium.	41/2	in.	thick.	Assorted	sizes	10	to 13		3.40
No. 50.—Heavy.	5	in.	thick.	Assorted	sizes	10	to 13		3.60
No. 53.—Heavy.	5	in.	thick.	All 13 s	ize				4.00
No. 60.—Extra he	avy.	6	in. this	ck. Assorte	d size	8 1	0 to	13	4.00
	On	e de	ozen pa	irs in a ca	arton.				

### BOY'S



Sterling boys' shoe soles or taps. Oak tanned. Selected stock. Smooth finish.

### WOMEN'S



Sterling Women's soles or taps. Oak tanned. Selected stock. Smooth finish.

### WEAR PROOF



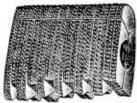
No. 225.—Wearproof. Heavy. By special filling process they are made waterproof and will remain so. Each pair in a single carton complete with nails for attaching. Assorted sizes 10 to 13 ........... Per dozen pairs \$ 4.50

# MEN'S HEELS



No. 4.—Sterling heels or top lifts. 4 in. thick. Hemlock tanned ....... Per dozen pairs \$ 1.20 One dozen pairs in a carton.

### RUBBER SOLES



No. 200.—Rubber and duck soles. Extra large, strong and serviceable. For attaching to leather or rubber boots and shoes. Used by miners, mill men, farmers, etc. to keep the feet warm and dry. Assorted sizes 10 to 14.

Per dozen pairs

One dozen pairs in a bundle.

# RUBBER HEELS



No. 04.—Rubber and duck heels. Extra heavy and thick. For use on leather or rubber boots and shoes ...... Per dozen pairs \$ 1.50 One dozen pairs in a bundle.

Extra care is used in the selection of stock, in the cutting and in the matching of our shoe soles and heels. In addition the goods are neatly packed in cartons enabling the dealer to place on the shelves and always keep fresh and clean.



# STERLING BLOCK AND STRIP LEATHER







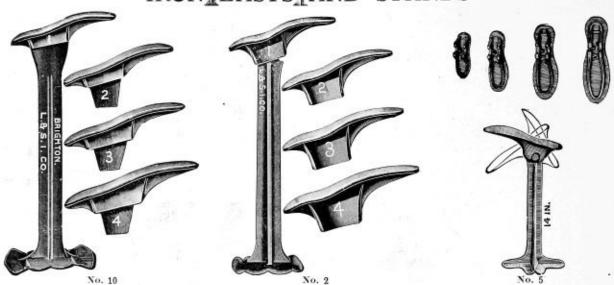




Hemlock tanned strip sole leather. Assorted strips 12 to 24 inches in length.

B. Grade. —Hemlock. 8 inch strips  A. Allen. —Slaughter hide. Hemlock. 8 inch strips.  Sterling Extra.—Hemlock. Absolutely clear of brands. 9 inch strips and very uniform	 . \$	.45 .54 .60
Oak tanned strip sole leather. Assorted strips 12 to 24 inches in length.  Orion. —Cak. Medium selection. 8 inch strips	 6. 8	.50 .55 .60

# IRON LASTS AND STANDS



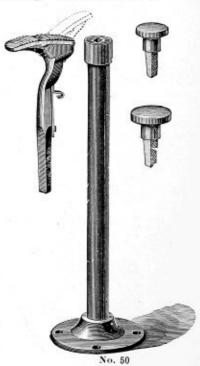
Per dozen sets \$ 10.00

tion shows the lasts can be readily adjusted to any desired angle. Complete with stand and four lasts 

One dozen sets in a box.







No. 24.—Cast iron, Japanned, extra heavy. Stand 24 inches high. Broad toe lasts. The construction of the head of stand makes the lasts adjustable. Of a height that saves the back and commends this outfit 21% dozen sets in a barrel.

No. 50.—Standard counter peg break. Japanned stand, 131/2 inches high. Complete with adjustable rasp head and 2 solid oval top heads ..... One in a package.



# COBBLERS OUTFITS





Economy

Economy .-- A complete outfit of tools and materials for boot and shoe repairing. Contents: One each, Iron stand for lasts, last for men's work, last for boys' work, last for women's work, shoe hammer, shoe knife, peg awl and handle, sewing awl and handle, stabbing awl and handle, package of heel nails, package of clinch nails, together with full directions for half-soling, all securely packed in a neat strong box. Dozen \$ 9.00

No. 2 Home.—A complete outfit of tools and materials for boot, shoe and rubber repairing. Contents: One each, iron last for men's work, iron last for boys' work, iron last for women's work, iron last for children's work, iron stand for lasts, shoe hammer, shoe knife, peg awl and handle, sewing awl and handle, stabbing awl and handle, bottle leather cement, bottle rubber cement, ball shoe thread, ball shoe wax, bunch of bristles, package 4-8 clinch nails, package 5% clinch nails, package 6-8 clinch nails, package heel nails as well as four pairs of heel plates, assorted sizes; six harness needles and a copy of directions for 



# BOOT & SHOE CEMENT

Sterling Boot and Shoe Cement. Highest grade. In liquid form and ready for instant use. For patching and mending boots, shoes and similar work. Put up in large size bottles attractively labeled, one dozen in a carton insuring against breakage.



Illustration Half Size

One dozen in a carton.

No. 2.—2-ounce bottles. Rubber cement. Per doz. \$ 1.50 No. 02.—2-ounce bottles. Leather cement. Per doz. \$ 1.80 One dozen in a carton.

# SHOE THREAD



Barbour's shoe-makers' and harness-makers' thread. For hand sewing. Standard quality, half bleached in one-ounce balls.

Nos. . . . .....\$2.20 2.50 Columbia brand, No. 010, good quality .. Per pound \$ 1.50 One pound in a box.

# SHOE WAX



Sterling shoemakers wax. In balls containing about 1 ounce. Tempered for use in the different seasons of the year.

No. 10 .- Winter. Medium soft .... Per 100 balls \$ 1.60

No. 20.—Summer. Hard ..... " "

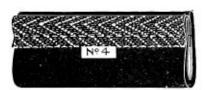
50 balls in a package.

# WEATHER STRIPS

### STERLING







Sterling flexible felt weather strip. Felt interlined with paper making the strip impervious to air and in addition the cushion is packed with wicking so that it does not become flattened out. Packed compactly and in an attractive manner. Easy to sell and quickly applied.

# ATLAS



Zinc and Gray Rubber Atlas creased. Can be pulled out to any desired length. Packed 100 feet in a box 16 inches square. Easy to keep in shape, and free from dust and dirt.



No. 38.—Width,  $\frac{1}{2}$  inch. For sides of windows and doors ...... Per foot § .06

No. 39.—Width, % inch. For sides and top of doors ........... Per foot \$ .07

### ALL RUBBER



Solid Rubber. All one piece Flexible Strips. Packed in boxes 3 inches square, containing 50 feet each. Easy to apply.

Keeps out the cold, rain, snow and dust. Anyone can apply it.

The old original style and on account of being easily put up and in continuous lengths, still a favorite.

### UPPER SASH



No. 8.—Width, % inch. For the upper sash of windows ....... Per foot \$ .05

### LOWER SASH



No. 9.—Width, ½ inch. For the lower sash of windows ...... Per foot \$ .06

### SIDES OF DOOR



### BOTTOM OF DOOR



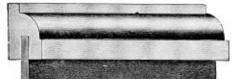
50 feet in a box.

# BOSLEY'S WEATHER STRIPS

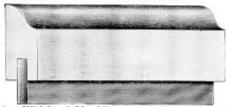
# FELT AND WOOD



No. 60 .- Width of Moulding, 3/g inch. For the upper sash of windows ...... Per foot \$ .05



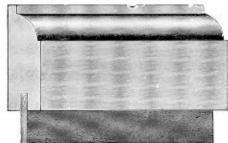
No. 61 .- Width of Moulding, % inch. For the lower sash of windows ...... Per foot \$ .05



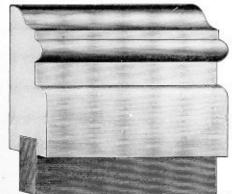
No. 611/2 .- Width of Moulding, 7/8 inch. For the sides and top of doors ...... Per foot \$ .07



-Width of Moulding, 34 inch. For No. 62.center of windows ...... Per foot \$ .08

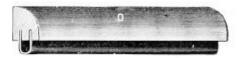


No. 64 .- Width of Moulding, 11/4 inches. For the bottom of light doors ...... Per foot \$ .10

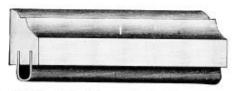


For the No. 65 .- Width of Moulding, 13/4 inches. Per foot \$ .12 bottom of heavy doors Nos. 0 and 1 packed 1.000 feet in a bundle; Nos. 65 and 7, 250 feet; balance, 500 feet.

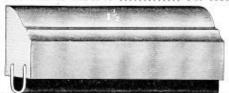
### EXCELSIOR WOOD AND RUBBER



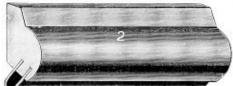
No. 0 .- Width of Moulding, 3/8 inch. For the upper sash of windows ...... Per foot \$ .05



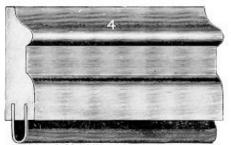
No. 1 .- Width of Moulding, % inch. For the lower sash of windows ...... Per foot \$ .05



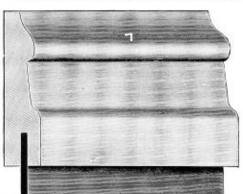
No. 11/2 .-Width of Moulding, 1/8 inch. For the sides and top of doors ...... Per foot \$ .07



No. 2.--Width of Moulding, % inch. For the center of windows ...... Per foot \$ .08



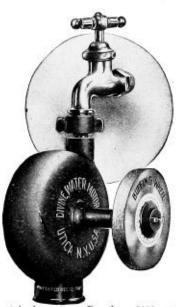
Width of Moulding, 11/4 inches. For the bottom of light doors ..... Per foot \$ .10



No. 7 .- Width of Moulding, 13/4 inches. bottom of heavy doors .. Per foot \$ .12

All in twelve foot lengths.

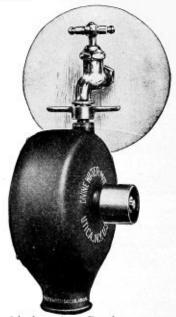
# WATER MOTORS



Divine. 4 inch motor. Develops 5000 revolutions on 80 pound pressure, delivering 1/8 brake horse power. Complete with 4 inch beveled face emery wheel; blue felt buffing wheel; cake of silver polish and grooved wood pulley.

 No. 1492F.—Eastern gauge
 Each \$ 5.50

 No. 1492P.—Pittsburg gauge
 " 5.50



Divine. 6-inch motor. Develops on 80 pound pres-sure, ½ brake horse power. Intended for heavier work. Can be belted to small machinery, rotary washing ma-chines, etc. Regularly furnished with pulley (for flat belt) as shown in illustration.

 No. 1992E.—Eastern gauge
 Each \$ 8.00

 No. 1992P.—Pittsburg gauge
 8.00

The Divine water motor will be found invaluable in a score of ways. Can be used for all kinds of light work about the kitchen or laundry and will be found a handy thing for light work in factories, stores and offices. Can be attached to any spigot or water pipe and placed at any desired angle. Keep the shaft well oiled and the motor will do all that is required.

# FIRE EXTINGUISHERS

### PITTSBURGH



Pittsburgh. Tank made of heavy specially rolled copper, properly tempered and thoroughly coated inside with a mixture of lead and tin to prevent corrosion. Vertical seam riveted and re-inforced on inside with solder. Cage or acid bottle holder made of brass rods, inch diameter, lead coated and so arranged that the bottom may be easily removed and yet be absolutely secure when in position. Throws a steady stream equal in fire fighting value to about 100 gallons of water.

No. 10.—Polished copper, lacquered ..... Each \$ 18.00 No. 12.—Oxidized copper, old brass or nickelplated (specify which) ...... Each 20.00 LA FRANCE



American La France. Spun dome and bottom fas-tened by locked joints. Wiped solder joints on inside of seams. Main sheet will rupture before joints will yield. Interior coated by immersion in molten metal insuring a thick even coating. All soldering is done by blow pipes giving an even heat throughout. Heavy cast brass bottle holder. Rawhide non-sticking, durable gas-ket at top. Ground joint at hose elbow. Heavy non-breakable pure lead stopper. Throws a stream a dis-tance of about 50 feet and is 40 times as efficient as water.

No. 8 .- Polished copper, lacquered. ..... Each \$ 15.00

# HOUSE FURNISHING GOODS

# WOODEN WARE KITCHEN UTENSILS

# STORE FIXTURES AND SUPPLIES

LOGAN - GREGG HARDWARE CO.
PITTSBURG

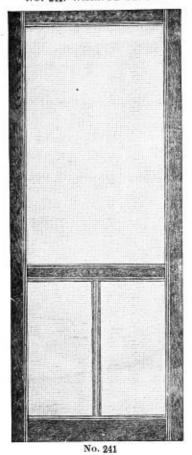


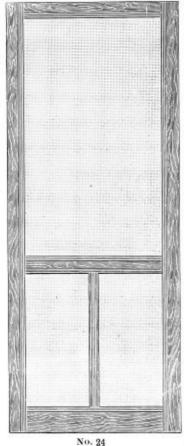
# SCREEN DOORS

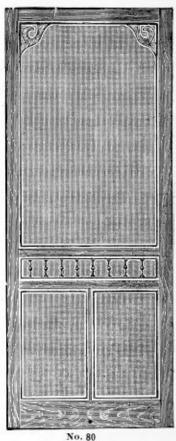
### OUR EXCLUSIVE DESIGNS

NO. 241. WALNUT STAINED

NO. 24 SPECIAL. NATURAL FINISH NO. 80 SPECIAL. NATURAL FINISH







No,

No. 241. Walnut Stained.

Three panel plain door. 3 inch stiles, 7g inch thick. Walnut stained. Square mortised and tenoned joints. Black wire cloth. Light moulding.

No. 241.—Size	2-6x6-6	2-8x6-8	2-10x6-10	3×7
Per	dozen\$ 10.50	11.25	11.75	12.25

One-half dozen in a crate.

### No. 24 Special. Natural finish.

Three panel plain door. 4 in. stiles, % inch thick. Square mortised and tenoned joints (blind mortised) throughout. Natural varnish finish. Black wire cloth. Light moulding.

No. 24.—Size						2-10×7 14-25	3x7 14-50
Per dozen	.8 12.75	13.50	13.65	13.90	14.00	14-20	14.00

One-half dozen in a crate.

### No. 80 Special. Natural finish.

Fancy pattern door. 4 inch stiles, % inch thick. Square mortised and tenoned joints (blind mortised) throughout, making the strongest and best construction possible. Selected yellow pine, natural finish with two coats of light varnish. Neatly ornamented with scrolls and spindles and with moulding. Black wire cloth.

No. 80.—Size	. 2-6x6-6	2-8x6-8	2-8x6-10	2-8x7	2-10×6-10	2-10x7	3x7
Per dozen	\$ 15.75	16.50	16.65	16.90	17.05	17.25	17.65
	On	e-half dozen	in a crate				

Exclusive design doors all made from well-seasoned, kiin-dried lumber free from damaging imperfections. All 3 inch stile doors are full mortised and the 4 inch stile, blind mortised. The bottom rail is about 5½ inches high and doors are made 3½ inch longer and a trifle wider than sizes as listed—to allow for trimming. The wire cloth is placed on the door by special machinery which stretches the cloth drumhead tight. The cloth is pressed into a groove in the wood, and covered with a flush beaded moulding mitered at corners, preventing it from becoming loose and baggy.

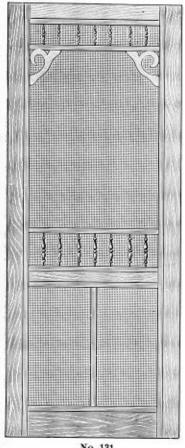


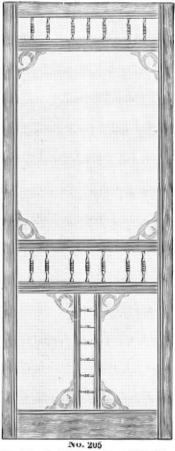
# SCREEN DOORS

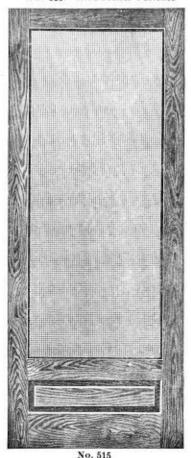
### OUR EXCLUSIVE DESIGNS

NO. 131 SPECIAL. NATURAL FINISH NO. 205 SPECIAL. OAK FINISH

NO. 515. NATURAL FINISH







No. 131

No. 131 Special. Natural Finish.

Heavy fancy pattern door. 3 inch stiles, 11/2 inches thick. Square mortised and tenoned joints. Selected strictly clear yellow pine, natural finish, with two coats of durable varnish. Tastefully ornamented with scroll brackets and spindle work. Black wire cloth. One of the neatest as well as the strongest and most durable doors on the market

	Regular	Sizes.			0.0000000000000000000000000000000000000	
No. 131.—Size 2-6x6-6	2-8x6-8	2-8×6-10	2-8×7	2-10×6-10	2-10×7	3×7
Per dozen\$20.25	21.00	21.15	21.40	21.60	21.75	22.25
Doubl	e Door and	Transom Size	es.			
No. 131.—Size	. 3x7-6	3x8	2x7	2-2x7	2-4x7	2x7-6
Per dozen		28.50	21.75	22.50	23.25	24.00
Or	e-half dozen	in a crate.				

No. 205 Special. Oak Finish.

Extra fancy heavy door. 3 inch stiles, 11/8 inches thick Square mortised and tenoned joints throughout-strongest and best construction possible. O. G. finish. Selected yellow pine lumber, oak finish, with three coats of durable varnish. Made with three rows of spindles and with eight scroll brackets. An exceedingly handsome door and suitable for the finest dwellings. Black wire cloth.

..... 2-8x6-8 ..... \$ 28.50 2-8x6-10 2-8x7 2-10×6-10 2-10x7 Per dozen ..... 28.65 28.90 29.10 29.25 29.75 One-half dozen in a crate.

### No. 515. Natural Finish.

Single panel heavy door. 4 inch stiles, 1½ inches thick. Selected yellow pine lumber, sanded and smoothed after assembling. Raised mitered mouldings. O. G. finish on inner edges. Solid lower panel. Finished in the natural wood with two coats extra quality varnish. Black wire cloth. Has that plainness of design and finish characteristic of the special made-to-order door. Made throughout by high grade mechanics. Perfection of fit is guaranteed. The absence of ornamentation makes this door very attractive to many persons.

No. 515.—Size	2-8x6-8	2-8×6-10	2-8×7	2-10×6-10	2-10×7	3x7
Per dozen			27.40	27.50	27.75	28.25
One-	fourth doze	n in a crate.				

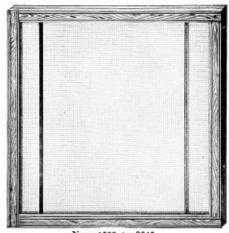
The above exclusive design doors are all made from well-seasoned, kiln-dried lumber and selected for use in the highest grade doors. Made by expert workmen, they have all the appearance of the high priced made-to-order doors. The bottom rail is about 5¼ inches high and all doors are made ¾ inch longer and a trifle wider than sizes as listed—to allow for trimming. The wire cloth is put on by special machinery, pressed into grooves in the wood and covered with a flush beaded moulding mitered at the corners. This is a guaranty against the cloth becoming loose or baggy.



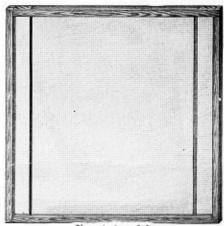
# SCREEN WINDOWS AND FRAMES

CONTINENTAL LEADER

COMPETITOR



Nos. 1533 to 3645



Nos. 1, 2 and 3

Continental Leader.

Continental leader windows. Made of hardwood, finished in oil, both sides alike. Black wire cloth is securely fastened to frame and covered with moulding. Guaranteed to have perfect adjustment. Material and workmanship the best. One dozen in a crate

the best. One dozen in a crate.							
Nos	1533	1833	2433	2437	2441	2837	2841
Height, inches	15	18	24	24	24	28	28
Closed, inches	21	21	21	23	26	23	26
Open, inches	33	33	33	37	41	37	41
Per dozen\$		4.00	5.00	5.50	6.30	6.50	7.20
Nos.		3033	3037	3045	3060	3637	3645
Height, inches		30	30	30	30	36	36
Closed, inches		21	27	29	341/4	23	29
Open, inches		33	37	45	60	37	45
Per dozen		6.70	7.00	8.50	12.00	9.00	10.00

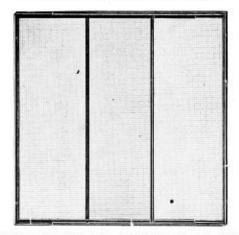
Competitor Extension.

Competitor extension windows. Made of soft wood, finished in walnut stain, both sides alike. Black wire cloth securely fastened to frame. One dozen in a crate.

Nos.	1	2	3
Height, inches	15	18	24
Closed, inches	21	21	21
Open, inches	33	33	33
Per dozen	3.30	3.80	4.50

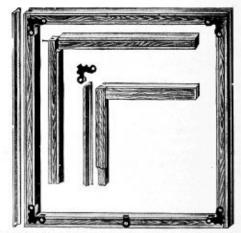
### SHERWOOD METAL FRAME





Sherwood metal frame extension screens. Frame of pressed steel finished in black Japan and impervious to moisture. Operates easily in all kinds of weather,—will not stick, warp or bind. Can be used as a permanent outside screen, as well as under the sash in the usual way. Black wire cloth tightly drawn and locked securely in the frame.

Nos	18	24	24A	30	30A
Height, inches	18	24	24	30	30
Closed, inches	22	22	24	24	26
Open, inches	33	33	37	37	44
Per dozen\$	6.00	7.00	8.00	10.00	12.00
	mo de	ron in a	awaka		



Continental window screen frames. Made from selected kiln-dried pine. Size of sticks %x1¼ inches. Simple in construction and easily put together. With grooved side pieces and slide sticks. With moulding, Japanned steel corners and lifts together with screws and necessary nails to put together. Also printed directions explaining method of setting up. Walnut stain finish.

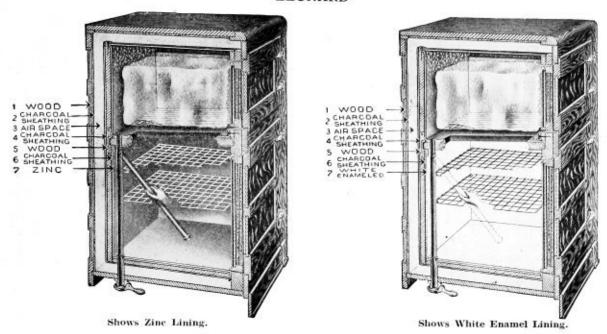
Nos.	C3636	C4242	C4848
Height, inches	36	42	48
Width, inches	36	42	48
Per dozen	\$ 4.80	5.50	6.00
Two doz	en in a c	rate.	

STERLING BRAND FOR QUALITY STANDS



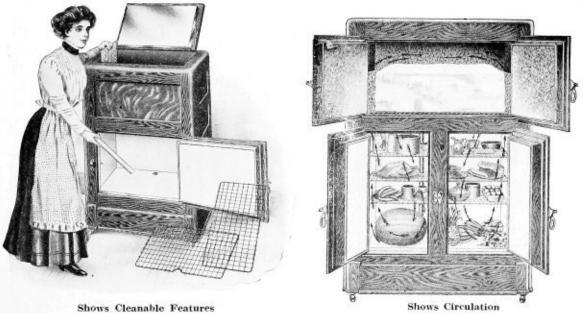
# REFRIGERATORS

### LEONARD



Leonard refrigerators. Hardwood cases with front panels of quarter sawed oak showing the beautiful grain. The corners and edges are neatly rounded and the finish golden oak with finest grade of refrigerator varnish. Seven walls to keep out the heat as will be seen in illustrations above viz.: 1st, outside case. 2nd, charcoal sheathing. 3rd, dead air space. 4th, charcoal sheathing. 5th, inside case of tongued and grooved 3/4 inch spruce. 6th, charcoal sheathing. 7th, zinc or white enamel lining soldered tight.

Ice racks of galvanized steel and retinned removable wire shelves. Most approved trap. Nickel-plated locks and hinges. Ball bearing casters. All interior parts easily removable for cleaning purposes.



In the above illustration is shown how easily the refrigerator may be cleaned. Simply slip out the irons which make one side of the air passage and wash the flues as sweet and clean as new. The shelves and waste pipe can be taken out in a moment and readily cleansed. A few of the porcelain lined refrigerators have no flues but in these the air circulates around the whole interior.

The system of refrigeration consists of an arrangement of air passages, flues and ice rack to expose the largest possible cooling surface to the air in the ice chamber. This settles down on the provisions below as cold air is heavier than warm air. The warmest air in the provision chamber is forced upward to the top where it is drawn into the ice chamber by suction, through the flues or openings made for that purpose, to fill the vacuum left by the descending cold air. Thus established the circulation is kept up as long as ice remains in the box, the object being not only to cool the air but to dry it as well. The arrows in the illustration show the circulation.

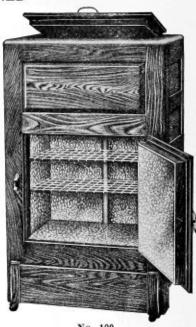


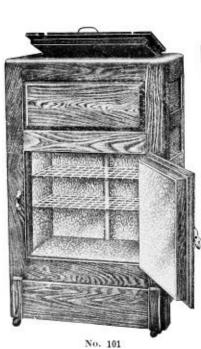
# REFRIGERATORS

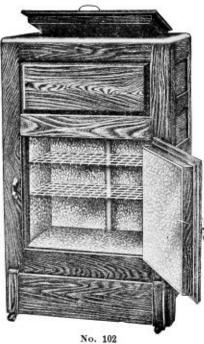
NORTH POLE, GALVANIZED LINED

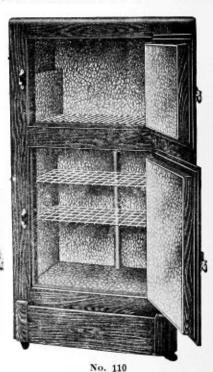












No. 101.—Length, 27 in.; depth, 17½ inches; height, 46 in. Ice capacity, 80 pounds. Weight, 163 lbs. ... Each \$ 28.50 No. 102.—Length, 30 in.; depth, 18 inches; height, 47 in. Ice capacity, 100 pounds. Weight, 190 lbs. ... " 31.00 No. 110.—Length, 24 in.; depth, 17¾ inches; height, 52 in. Ice capacity, 75 pounds. Weight, 155 lbs. ... " 31.00

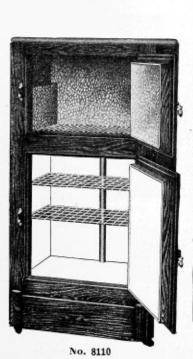
North Pole hardwood refrigerators. Round cornered case with raised front panels. Golden oak finish. A complete inside box covered with building paper for insulation. Lined with galvanized steel. Removable heavy retinned wire shelves. Nickel-plated locks and hinges. Sizes given are outside dimensions.

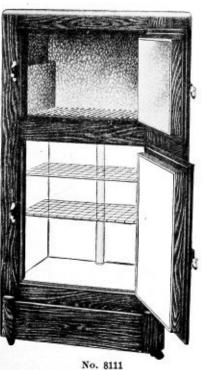


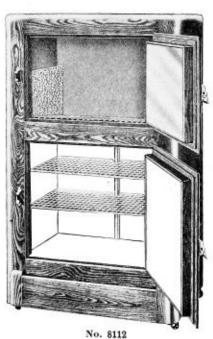
NORTH POLE, ENAMEL LINED



No. 899.—Length, 23 in.; depth,  $15\frac{3}{4}$  inches. height 41 in. Ice capacity, 50 pounds. Weight, 100 lbs. Each \$ 20.35 No. 8100.—Length,  $24\frac{1}{2}$  in.; depth,  $16\frac{3}{4}$  inches; height, 43 in. Ice capacity, 55 pounds. Weight, 128 lbs. " 25.30 No. 8101.—Length, 27 in.; depth,  $17\frac{1}{4}$  inches; height, 46 in. Ice capacity, 80 pounds. Weight, 163 lbs. " 31.35 No. 8102.—Length, 30 in.; depth, 18 inches; height, 47 in. Ice capacity, 100 pounds. Weight, 190 lbs. " 34.10







No. 8110.—Length, 24 in.; depth, 173/4 inches; height, 52 in. Ice capacity, 75 pounds. Weight, 155 lbs. . Each \$ 34.10 No. 8111.—Length, 26 in.; depth, 181/2 inches; height, 54 in. Ice capacity, 90 pounds. Weight, 178 lbs. . " 38.50 No. 8112.—Length, 30 in.; depth, 203/4 inches; height, 52 in. Ice capacity, 150 pounds. Weight, 200 lbs. . " 42.20

North Pole hardwood refrigerators. Round cornered case with raised front panels. Golden oak finish. A complete inside box covered with building paper for insulation. White enamel used in the interior of the provision chambers is the best that can be procured. Baked on the metal at a high temperature, giving beautiful lustre. Removable heavy retinned wire shelves. Nickel-plated locks and hinges. Sizes given are outside dimensions.



# REFRIGERATOR AND KITCHEN TABLE

LEONARD, ENAMEL LINED



Combination kitchen table and refrigerator. Something entirely new and convenient. Two useful articles combined in one, saving space in the kitchen. Another place where it is useful. Many households already have a refrigerator which is not large enough. Put this in place of the kitchen table and use two refrigerators. The cost for ice will be no more than for one large refrigerator and the food can be separated viz.: milk, butter, cream, lard, eggs, etc. in one, and meats, vegetables, etc. in the other. The satisfaction in having all these handy and just where you want them should not be overlooked. 7 walls for insulation. Nickel-plated locks and hinges. Wire shelves. White enamel lined. Hardwood, satin walnut finish and birch top.

No. 879.—Length, 44 inches; depth, 27 inches; height, 32½ inches. Large provision chamber 17½x17x22 inches. Small provision chamber 17½x17x8 inches. Ice capacity 85 pounds. Weight 220 pounds ..... Each \$ 52.80 Not carried in stock; shipped from factory direct.

### CHESTS



Nos. 40, 41, 42, 43 and 44

### GROCERS' CHESTS



Nos. 44C and 45

No. 41.—Dimensions, outside, 29 x19¼x25½ in. Din No. 42.—Dimensions, outside, 34 x21¾x30 in. Din No. 43.—Dimensions, outside, 385½x24½x33⅓ in. Din	imensions, inside, $17 \times 127_9 \times 131_9$ in. Weight, 75 lbs. Each \$ 13.5 imensions, inside, $233_9 \times 127_8 \times 151_9$ in. Weight, $100$ lbs. 17.7 imensions, inside, $281_9 \times 151_9 \times 19$ in. Weight, $135$ lbs. 24.6 limensions, inside, $33 \times 18 \times 211_9$ in. Weight, $175$ lbs. 24.6 limensions, inside, $361_9 \times 191_9 \times 191_9$ in. Weight, $175$ lbs. 24.6 limensions, inside, $361_9 \times 191_9 \times 191$	0
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Above chests made of hardwood, golden oak finish. Made double. Numbers 40, 41, 42 and 43 have a lining of charcoal sheathing under the zinc. Number 44 insulated with wool felt. All zinc lined which makes them triple walled. Opening in back for ventilation.

No. 44C.—Dimensions, outside, 41%x28¼x36¼ in. Dimensions, inside, 36¼x22%x23 inches. Ice capacity, 190 pounds. Weight, 220 pounds. Each \$ 50.00

No. 45. —Dimensions, outside, 56x30x40½ inches. Dimensions, inside, 46½x22½x24 inches. Ice capacity, 340 pounds. Weight 300 pounds. Each 66.30

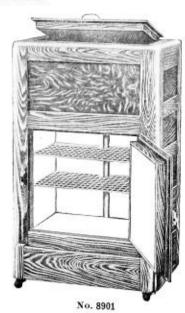
Chests 44C and 45 are made of hardwood, golden oak finish. Zinc lined and insulated with wool felt. The two covers slide on rollers, one over the other. This affords a place for scales on the upper cover—a feature commending itself to the user.

Nos. 44C and 45, not carried in stock; shipped from factory direct.



LEONARD, ENAMEL LINED





No. 8900.—Length 24 inches; depth 15½ inches; height 42 inches. Ice capacity 45 pounds. Weight 145 lbs. Each \$ 26.70 No. 8901.—Length 27 inches; depth 17¾ inches; height 45 inches. Ice capacity 75 pounds. Weight 160 lbs. " 32.85



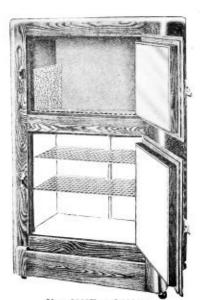


No. 8902A.—Length 30 inches; depth 1944 inches; height 47 inches. Ice capacity 100 pounds (designed especially to hold a cake of artificial ice 11x13x22 in. in size, and weighing 100 lbs.). Weight 190 lbs. Each \$ 38.55

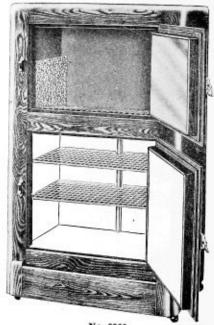
No. 8903. —Length 32 inches; depth 19¾ inches; height 47 inches. Ice capacity 95 pounds. Double door provision chamber. Weight 145 pounds. Each 43.05

Leonard refrigerators. Case of ash, golden oak finish. Front panels, quarter sawed oak. Heavy round corners. Insulated with charcoal sheathing. A complete inside box, 78-inch thick, tongued and grooved and seven walls to preserve the ice and food. Provision chamber white enamel lined—the enamel being baked on to the metal at a high temperature and having a beautiful lustre. Retinned wire shelves, ice rack, flues and drain pipe all removable for cleaning. Nickel-plated locks and hinges. Base board lifts up. Sizes given are outside dimensions.

ENAMEL LINED

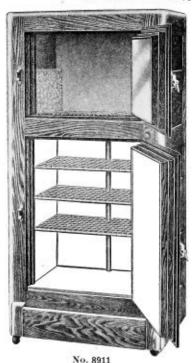


Nos. 8112B and 89081/2

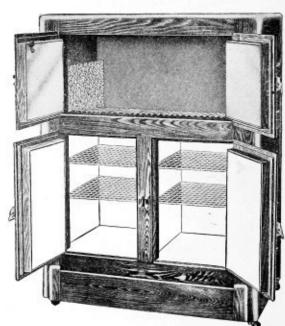


No. 8909

No. 8112B .- North Pole. Length 28 inches; depth 171/2 inches; height 45 inches. Ice capacity 75 pounds. Weight 160 pounds ..... Each \$ 33.75 Leonard. Length 30 in.; depth 17½ in.; height 46 in. Ice capacity 90 lbs. Weight 200 lbs. "
Leonard. Length 30 in.; depth 20¾ in.; height 52 in. Ice capacity 150 lbs. Weight 220 lbs. " No. 89081/2 38-50 No. 8909. 46.85







No. 8908

No. 8911.—Leonard. Length 26 in.; depth 19½ in.; height 54 in. Ice capacity 95 lbs. Weight 180 lbs... Each \$ 42.70 No. 8908.—Leonard. Length 38 in.; depth 23¾ in.; height 52 in. Ice capacity 235 lbs. Two door provision chamber and two door ice chamber. Weight 305 lbs... Each 75.45

Leonard refrigerators. Case of ash, golden oak finish. Front panels, quarter sawed oak. Heavy round corners. A complete inside box %-inch thick, tongued and grooved. Insulated with charcoal sheathing. Provision chamber white chamel lined—the enamel baked on at a high temperature, and having a beautiful lustre. Seven walls preserve the ice and food. Retinned wire shelves, ice rack, flues and drain pipe all removable for cleaning. Base board lifts up. Nickel-plated locks and hinges. Sizes given are outside dimensions.

North Pole refrigerator. For general description see bottom of page 575.

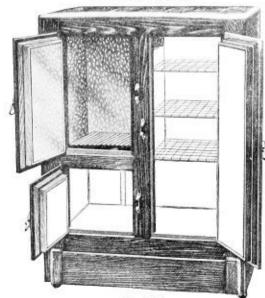


ENAMEL LINED

NORTH POLE

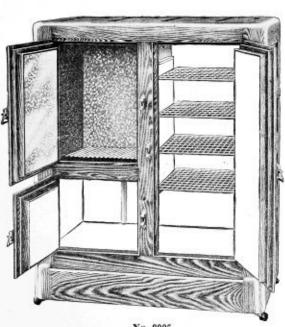
NORTH POLE

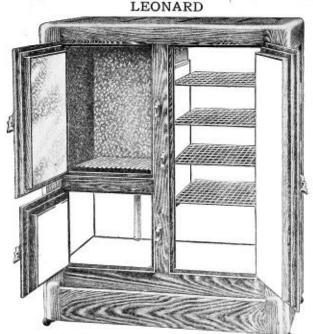




No. 8103B No. 8103 No. 8103B .-. Each \$ 41.80 No. 8103. -

LEONARD





No. 8906 No. 8905

No. 8905.—Length 34 inches; depth 19¼ inches; height 47 inches. Ice capacity 90 pounds.

ion chamber and one door ice chamber. Weight 200 pounds.

No. 8906.—Length 36½ inches; depth 20 inches, height 50 inches. Ice capacity 120 pounds.

Each \$51.10

No. 8906.—Length 36½ inches; depth 20 inches, height 50 inches. Ice capacity 120 pounds.

Each \$7.55

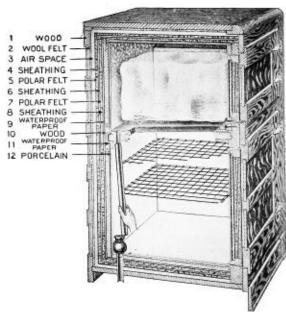
Leonard refrigerators. Case of ash, golden oak finish. Front panels, quarter sawed oak. Heavy round corners.

A complete inside box ¾-inch thick, tongued and grooved. Insulated with charcoal sheathing. Provision chamber white enamel lined—the enamel being baked on at a high temperature, and having a beautiful lustre. Seven walls preserve the ice and food. Retinned wire shelves, ice rack and drain pipe all removable for cleaning. Nickel-plated locks and hinges. Base board lifts up. This type of construction—side icing—is very popular and appeals at once to the house keeper. All compartments easily accessible and at the same time save unnecessary stooping. Sizes given are outside dimensions. are outside dimensions.

North Pole hardwood refrigerator. Round cornered case with raised front panels. Golden oak finish. A complete inside box covered with building paper for insulation. Best white enamel used in provision chambers. Removable wire shelves, nickel-plated locks and hinges. Sizes given are outside dimensions.



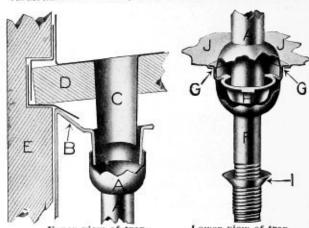
### LEONARD, PORCELAIN LINED



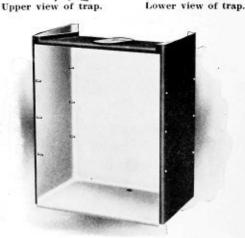
Shows Insulation of Porcelain Lined Refrigerators.



Full size sectional view of one wall of a Leonard Cleanable Porcelain Lined Refrigerato



Side Icing.



Overhead Icing

### INTERIOR CONSTRUCTION.

Leonard porcelain lined refrigerators. Observe the twelve separate and distinct walls separating the contents from the outside air. Dead air cells are the ideal barrier to transmission of heat and the ideal insulating material against either heat or cold is the one combining the maximum number of dead air cells. In addition polar felt is largely used, and this in all working tests has proven superior to other insulating materials in point of ice saving and in maintaining low temperatures.

### PORCELAIN LINING.

Each compartment is all one piece, and the corners are rounded to facilitate cleaning. The compartments are connected by an air tight joint cover. Shelf supports fasten from the outside. This method of construction gives a lower temperature with less consumption of ice than ever before. Refrigerators fitted with this lining represent the acme of perfection and while much lower in price are vastly more serviceable than those lined with tile, opal glass or solid porcelain. The enamel is fused on to the sheet at a temperature of 2500 degrees—and is there to stay.

### LEONARD TRAP.

Trap and waste pipe made of solid nickel-plated brass which will not rust or corrode. Trap made with cup at both the upper and lower ends catching any water from accidental leakage or from spilling in either the ice chamber or provision chamber. Note the depression in the upper part of provision chamber. Easily accessible from the inside and can be readily removed for cleaning. This same trap and waste pipe with another system for returning water from accidental leakage is used in the plain refrigerators.

### TRIMMINGS.

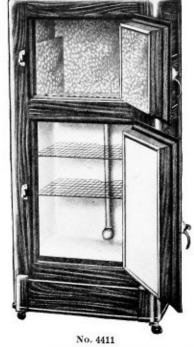
Solid cast brass, nickel-plated. The Ideal lock is constructed on the most scientific principle. Holds the door positively air tight with no strain on the rivets. A slight lift on the lever throws the door open. A key furnished with each lock. The hinges are substantial and match the lock in pattern and finish.

The Leonard Cleanable refrigerator is the best that can be made.



LEONARD, PORCELAIN LINED, ASH CASE



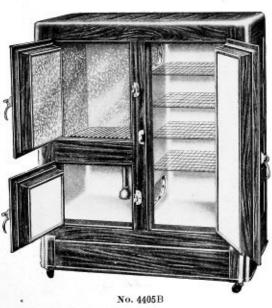


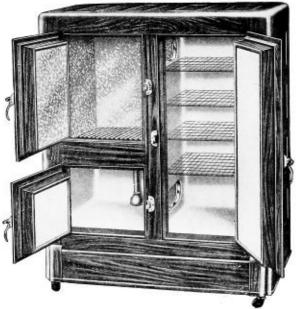
inches. Ice capacity 60 lbs. Weight 150 lbs... Each \$ 34.00 inches. Ice capacity 75 lbs. Weight 160 lbs.... " 43.20

No. 4401.-Length 27 inches; depth 18 inches; height 45 No. 4411.—Length 26 inches; depth 19% inches; height 54% inches. Ice capacity 90 lbs. Weight 180 lbs....

No. 4400.-Length 25 inches; depth 17 inches; height 42

52-20





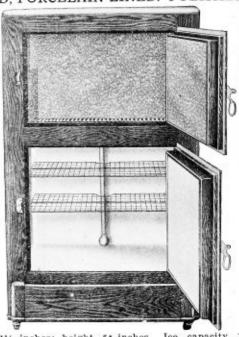
No. 4405 and 4406

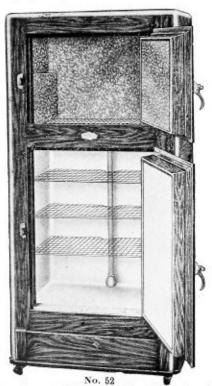
No. 4405B.—Length 33 inches; depth 18% inches; height 45% in. Ice capacity 80 lbs. Weight 200 lbs. Each \$ 52.00 No. 4405. —Length 34 inches; depth 191/4 inches; height 473/4 in. Ice capacity 100 lbs. Weight 215 lbs. No. 4406. —Length 361/2 inches; depth 20 inches; height 503/4 in. Ice capacity 125 lbs. Weight 250 lbs.

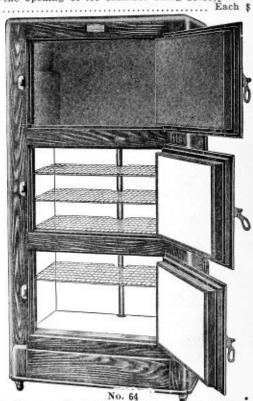
Leonard refrigerators. Case of thoroughly seasoned ash. Golden oak finish. Heavy round corners. The provision chambers are genuine porcelain lined and all in one piece as illustrated on page 576. This porcelain enamel is fused on to sheet steel at a temperature of 2500 degrees. Perfect insulation. Retinned wire shelves. Ice chamber lined with galvanized iron. Drain pipe and shelves all removable for cleaning. Nickel-plated trimmings and air tight compartments. Sizes given are outside dimensions.



LEONARD, PORCELAIN LINED. POLISHED OAK.







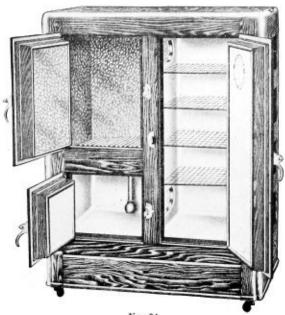
No. 52.—Length, 26¾ inches; depth, 18½ inches; height, 56¼ in. Ice capacity, 95 lbs. Weight, 235 lbs Each \$ 64.40 No. 64.—Length, 33¼ inches; depth, 23½ inches; height, 69 inches. Ice capacity, 200 pounds. Designed for apartment house use. Two door provision chamber and one door ice chamber—the openings to all

STERUNG BRAND FOR QUALITY STANDS

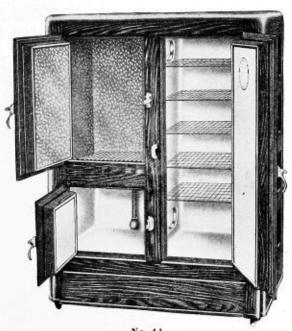


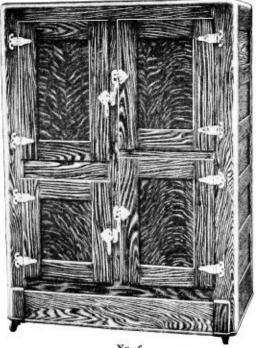
LEONARD, PORCELAIN LINED. POLISHED OAK.





No. 4.—Length, 34½ inches; depth, 21 inches; height, 45½ inches. Ice capacity, 100 pounds. Two door provision chamber and one door ice chamber. Weight, 270 pounds. Each No. 04.—Length, 37 inches; depth, 22 inches; height, 47½ inches. Ice capacity, 125 pounds. Two door provisions are considered as a constant of the co vision chamber and one door ice chamber. Weight, 315 pounds ..... 85.00





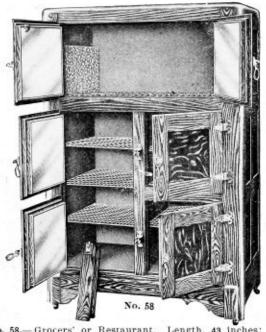
Leonard refrigerators. Case of oak with golden oak finish. Front panels, quarter sawed oak. Rubbed and polished to a beautiful finish. Heavy round corners. Provision chambers genuine porcelain lined and all in one piece as illustrated on page 576. This porcelain enamel is fused on to sheet steel at a temperature of 2500 degrees. As easy to clean as a china dish. Insulated with polar felt—in fact all told there are twelve walls of insulation as shown on page 576. Ice chamber lined with heavy galvanized iron but without flues—the air circulating around the whole interior of the refrigerator. Light, we strong timed with peace the page for election of the refrigerator. interior of the refrigerator. Light, yet strong, tinned wire shelves which may be easily removed for cleaning. Nickel-plated hinges and Ideal lever locks guaranteeing air tight compartments. Sizes given are outside dimensions.



LEONARD

GROCERS' OR RESTAURANT

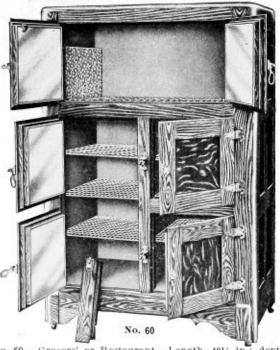






No. 58.—Grocers' or Restaurant. Length, 43 inches; depth, 27¾ inches; height, 66½ inches. Ice chamber, 35x22x17 inches, having an opening with center bar removed of 33¾x14¾ inches. Two provision chambers each 18x22x33 inches. Two doors opening on the right and two doors on the left. Retinned wire shelves. Ice capacity, 315 pounds. Weight, 465 pounds. .... Each \$\frac{1}{2}\$ No. 59.—Grocers'. Length, 43 inches; depth, 27¾ inches; height, 66½ inches. Interior dimensions same as number 58. Front panels in two lower doors, quarter sawed oak. Two mirror doors and two glass doors. Two sliding trays with back stops. Ice capacity, 315 pounds. Weight, 500 pounds. .... Each

GROCERS' OR RESTAURANT GROCERS'

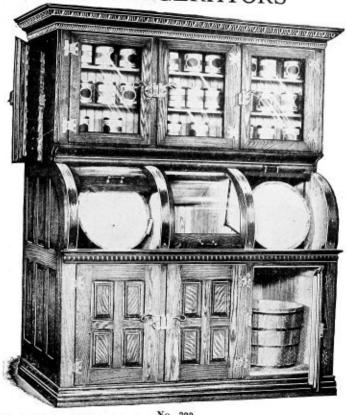




No. 60.—Grocers' or Restaurant. Length, 49¼ in.; depth, 29¾ in.; height, 72 inches. Ice chamber measuring 41x23¾x16 inches and holding 405 pounds. Two provision chambers each 21½x23¾x40 in. Each provision door opening 17¾x18¼ inches. Retinned wire shelves. Weight, 620 pounds. Each So. 61.—Grocers'. Length, 49¼ in.; depth, 29¾ in.; height, 72 in. Interior dimensions same as number 60. Front panels in two lower doors, quarter sawed oak. Two mirror doors and two glass doors. Two sliding trays with back stops. Ice capacity, 405 pounds. Weight, 660 pounds. Each Leonard refrigerators. Ash case, golden oak finish. Nine walls of insulation including polar felt. Zinc lined. Nickel-plated lever locks and hinges. Not carried in stock: shipped from factory direct.

STERUNG BRAND FOR QUAUTY STANDS"





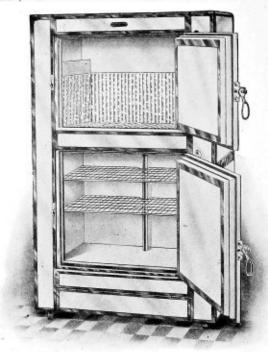
No. 323.—Roll Top Grocers'. Length, 71½ in.; depth, 38¾ in.; height, 84 in. Ice chamber, 60x15½x28 in., hold ing 675 lbs. 3 storage chambers each 19x32½x22¼ in. Cap. 10 tubs of butter. Weight 825 pounds. Each \$ 275.00 No. 322.—Roll Top Grocers'. Length, 51 in.; depth, 38¾ inches; height, 84 in. Ice chamber, 41x15½x28 in., holding 570 lbs. 2 storage chambers each 19x32½x22¼ in. Capacity, 5 tubs of butter. Weight 825 lbs. Each Oak case and finished in golden oak. Rubbed and polished. Insulated with polar felt.

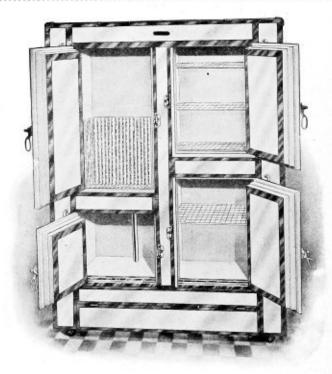


"STERUNG BRAND FOR QUALITY STANDS"



LEONARD, ALL PORCELAIN, INSIDE AND OUTSIDE





Leonard one piece provision chamber, all porcelain (inside and outside) refrigerators. The entire interior as well as the entire exterior is real porcelain enamel. The highest grade of three-coat work and coated on both sides of the steel plates—will never rust through from the back. The flues are also porcelain enamel. The large porcelain sheets are held in place with heavy brass strips, nickel-plated and properly screwed to the case with brass nickel-plated screws. Insulated with polar felt and waterproof paper and have twelve walls. Ideal lever locks and hinges of brass highly nickel-plated. Nothing better can be built.



# JANUS VACUUM BOTTLES

### NICKEL PLATED













3, 133 and 153 Nos. 111M and 121M

No. 1001/2 pint. Drawn brass case and cup cap; nickel-plated and polished	Each !	\$ 2.50
No. 110. —1 pint. Drawn brass case and cup cap; nickel-plated and polished	6.6	3.00
No. 120. —1 quart. Drawn brass case and cup cap; nickel-plated and polished	44	5.00
No. 1431/2 pt. 3 in. drawn brass nickel-plated and polished base case, enclosed in leatherette case	44	2.00
No. 1331 pt. 31/2 in. drawn brass nickel-plated and polished base case, enclosed in leatherette case	**	2.50
No. 1531 qt. 41/2 in. drawn brass nickel-plated and polished base case, enclosed in leatherette case	**	4.00
No. 111M 1 pt. Drawn brass case and cup cap; nickel-plated and polished. Case covered with Morocco	leath-	
er in assorted colors green and black	Each 3	\$ 4.00
No. 121M 1 qt Drawn brass case and cup cap; nickel-plated and polished. Case covered with Morocco	leath-	
er in assorted colors green and black		6-25

### EXTRA FILLERS

### EXTRA CORKS







Nos. 100F, 110F and 120F

Nos. 100C, 110C and 120C

Shows Bottle Taken Apart

Trost Toor , Tior mine		ren rebert	
No. 100F.— 1/3 part. No. 110F.—1 pint. No. 120F.—1 quart.	Glass fillers. With corks Glass fillers. With corks One in a corrugated box.		2.00 2.50
	Corks. Not tipped	. "	1 \$ 1.00 1.50 1.75

Janus Vacuum Bottles will keep liquids cold without ice, for 72 hours, and liquids hot without fire for 36 hours.

The secret of this is in the vacuum. The glass receiver within the metal case is really two bottles—one inside of the other. Air in the thin space between these bottles would act as a conductor of heat or cold. Take that air out completely and no conductor is left—in other words there is a vacuum.

As shown in illustration the bottle can be taken apart instantly which permits of sterilization. The glass receiver is not held in place by any adhesive but its bottom rests securely on a cushion and fits closely into the case. This form of construction minimizes the danger of breakage from strain or vibration due to a sudden jar. In the event of the glass filler being broken a new one can be readily obtained and easily inserted. The inner sides of the fillers are mercurized which produces a fine silvered effect. All bottles except the ½ pint size are furnished with patent laminated corks fitted with aluminum tips; ½ pint size fitted with plain cork tips.

The Janus bottle is made for every day use and is built throughout on scientific principles and by expert workmen. Every bottle thoroughly tested as to temperature and strength before leaving the factory.





# WATER COOLERS

### STANDARD

Galvanized lined reservoir. Nickel-plated push button faucet. Japanned and neatly decorated. With side handles.

TARGET CLASSICS						
Nos	102	103	104	106	108	110
Gallons	2	3	4	6	8	10
Diam. Base, in.	11	115/8	123/4	141/2	171/4	171/4
Each \$	2.25	3.00	3.38	4.12	4.88	6.00
	O	ne in a	case.			

### PURITAN

Seamless white enamel lined reservoir. Nickel-plated push button faucet. Extra finish and neatly decorated. With side handles.

Nos	202	203	204	206	208	210 10
Diam. Base, in.	11	115/8	123/4	141/3	171/4	171/4
Each \$	3.38	4.13	4.88	6.00	7.50	9.00
	0	ne in a	case.			



Nos. 202 to 210



Jewett Ruby. Cast iron porcelain lined reservoir, charcoal filled. Nickel-plated self closing faucet. Assorted colors and decorations. Side handles.

sorted colors and decor				
Nos		406	408	410
Gallons	4	6	8	10
Height, inches	24	261/2	301/2	32
Diam. Base, in	131/2	151/2	161/2	171/2
Each	\$ 8.25	11.25	15.00	18.00
On	e in a	case.		



Stone. Light colored with light blue bands. With nickel-plated turn faucet. Strong and durable.

Nos	20	30	40	60
Gallons	2	3	4	6
Height, inches	131/2	15	16	17
Diam. Base, in	8	81/4	91/2	10
Each	\$ 1.88	2.25	2.63	3.00

One in a crate.



### XXTH CENTURY

Indurated fibre container, with white porcelain interior water jar. Nickel-plated brass push faucet. The liquid comes into contact only with porcelain jar and the non-corrosive faucet so that contamination is practically impossible. The jar is sanitary—has no cracks or seams and is easily cleaned. The indurated fibre container is light and strong. Moulded in one piece, no hoops.

The illustration to the right shows a cross sectional view of the

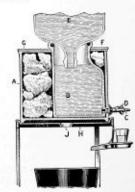
The illustration to the right shows a cross sectional view of the construction. The bottle shown in the cut is **not furnished** with the cooler but sold separately.

Suitable for 5 gallon demijohn or 3 gallon bottle. Ice capacity 15 to 20 pounds.

No. 570M.—Mahogany finish (without bottle) ...... Each \$ 6.75 No. 570M.—Mahogany finish, with stand (without bottle) " 10.00

One in a crate.
BOTTLES FOR ABOVE COOLERS

No. 3.—3 gallon. Green glass ..... Each \$1.35 No. 5.—5 gallon. Green glass ..... 1.50





# FILTERS & COOLERS



Stone. Mottled blue and white in color. Natural stone filtering disc.

No. 2.—Each jar holds two gallons. Diameter of disc, 81/4 inches. Filters per day, 2 to 5 gallons.

Each \$ 3.00

No. 3.—Each jar holds three gallons. Diameter of disc, 9 inches. Filters per day, 4 to 8 gallons.

Each

No. 4.—Each jar holds four gallons. Diameter of
disc, 10 inches. Filters per day, 6 to 10 gal-

No. 6.—Each jar holds six gallons. Diameter of disc, 11 inches. Filters per day, 10 to 14 gallons.

One in a Crate.

WATER FILTERS



Robert's Filters. Germproof. Consists of an outer metal case containing porous filtering stone. Easily attached to an ordinary kitchen faucet and the water may be filtered or not filtered at will. Galvanized case with brass faucets. Filtering capacity 10 gallons per hour. When ordering state whether to be used on plain or threaded faucet, and if threaded whether Eastern or Pittsburg gauge.

No. 4 — Galvanized ...... Each \$ 6.00 No. 4S.—Extra stone for No. 4 filter ...... " 1.12

One in a box.

# COOLER STANDS



Wrought stand with sheet metal top and drip. Assorted colors.

 No. 14.—Diameter of top 12¾ inches
 Each \$ 3.75

 No. 15.—Diameter of top 15¼ inches
 " 4.50

 No. 16.—Diameter of top 19¼ inches
 " 5.25



Grained Mahogany cast iron top and feet; hard maple post

No. 4.—Diameter of top, 15 in.; height, 27 in. Ea. \$ 6.75 No. 5.—Diameter of top, 18 in.; height, 27 in. Ea. 7.50

"STERUNG BRAND FOR QUALITY STANDS"

# ICE CREAM FREEZERS

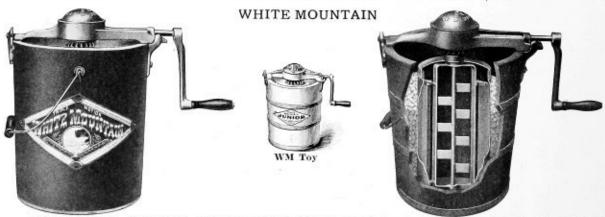


Dana Peerless. With crank. High grade material throughout. Selected tubs. All metal parts coming in contact with the cream are heavily plated with pure block tin. All outside parts are galvanized. By a most simple arrangement all the gearing is enclosed, both top and bottom, in a ball-like frame, so it is impossible for it to catch ice or salt. The dasher is made on scientific principles, having two rows of leaves, screw-like in form on opposite sides of the stem. At right angles to them are four arms carrying two hardwood scrapers, which scrape cream from sides of revolving can before it becomes frozen hard, throwing it to the center against leaves, which lift it up and force it out again to the sides with a rolling motion—thus giving four separate motions with one revolution of the crank.

		WITH	CRANK.						
Nos	DP Toy	1	2	3	4	6	8	10	12
Quarts	1/2	1	2	3	4	6	8	10	12
Each		2.50	3.20	3.80	4.50	5.80	7.50	9.50	12.00
Securely wra	pped in l	heavy paper	r, afford	ing prote	ction in	shipping.			

Dana Peerless. With fly wheel. Especially designed for use in small hotels, cafes and ice cream parlors. 11/4inch tubs with heavy galvanized hoops. Can made from extra heavy steel plate coated with pure tin and with strong
steel ring around the top and heavy cast iron bottom, well tinned. The gear frame is extra heavy and thoroughly
galvanized. Furnished with crank and fly wheel.

WITH FLY WHEEL.			
Nos.	16	20	25
Quarts	16	20	25
Each	\$ 20.00	24.00	30.00



White Mountain. With crank. Tubs of carefully selected second growth white pine, absolutely free from imperfections. The can is made of the best charcoal tin plate and every part that comes in contact with the cream is plated with pure block tin. The inside castings, or the beaters are of malleable iron, tin-plated. All outside castings are cast iron well galvanized to prevent rust. The mechanism is simple, yet efficient. A combination of three cog wheels produces the triple action. The can moving in one direction, the outside beater in the opposite direction and the inside beater opposite to that of the outside. Thus the cream is thrown from the center to the sides of the can and back again continually, thoroughly beating every particle and making the grain fine and smooth. The operation of the freezer is a very easy matter.

	WM Toy	01	02	03	04	06	08	010	012
Quarts	1/2	1	2	. 3	4	6	8	10	12
Each	\$ 2-20		3.50	4.00	4-60	6.00	7.50	10.00	13.00
Securely wrap	ped in hea	vy paper	affordin	g protect	ion in shi	nning			

The Toy freezers listed under the Dana Peerless and the White Mountain are not exactly the same in construction as the large freezers, but are finely finished and designed for use in the sick-room or for children. Each put up in neat carton and are ready sellers.



# ICE CREAM FREEZERS

### LIGHTNING



Lightning. Revolving triple stirring paddle and automatic twin scrapers. Can of heavy tin plate of finest quality. Gears completely covered. The famous wheel dasher revolves continuously during the final freezing of the cream and produces a velvety smoothness free from lumps. The tub is made of best white pine with electric welded wire hoops.

Nos. . . . . L2 L3 L4 L6 L8 L10 L12 Quarts . . . . 2 3 4 6 8 10 12 Each . . . . \$ 3.00 3.50 4.20 5.50 7.00 9.00 10.50

ARCTIC



Arctic. Single action. The can revolves while the beater remains stationary. Can of pure charcoal tin plate with cast iron tin-plated cover. Cast iron tin-plated beaters fitted with double self-adjusting wood scraping bars. Tub of carefully selected white pine bound with flat galvanized iron hoops.

Nos. A1 A2 A3 A4 A6 A8
Quarts 1 2 3 4 6 8
Each 8 2.40 2.80 3.20 4.00 4.80 6.50

Securely wrapped in heavy paper, affording protection in shipping.

### DANA PEERLESS POWER





Dana power. Iron column and base cast in one piece. Double geared and easy to operate. Bearings for countershaft of solid brass; bearing for center gear bushed with brass, accurately fitted. Shaft bearings in gear frame babbitted and adjustable for taking up wear. Covered gear. Drive shaft fitted with tight and loose pulley. Tub and can are released by lifting one end of the gear frame to vertical position. This does away with any machinery over the tub and can and leaves it entirely free for examination and removal.

 No. 25T.—25 quart.
 Extra heavy tin can. 12-inch pulleys.
 Each \$ 60.00

 No. 25C.—25 quart.
 Copper can. 12-inch pulleys.
 70.00

 No. 40T.—40 quart.
 Extra heavy tin can. 16-inch pulleys.
 93.75

 No. 40C.—40 quart.
 Copper can. 16-inch pulleys.
 106.25

 Power freezers not carried in stock.
 Shipped from factory direct.

# PACKING CANS, TUBS, ETC.

### IMPROVED STEEL





IMPROVED	STEEL	PACKING	CANS	
		77.2%	7	

Quarts	1	2	3	4	6	8
Diameter, ins	31/2	41/2	5	51/2	61/2	7
Height, ins	71/2	10	111/2	121/2	14	141/2
Each	\$ .90	1.13	1.28	1.50	1.65	1.80
Quarts	12	16	20	25	30	40
Diameter, ins	8	81/4	91/2	101/4	11	12
Height, ins	191/9	20	211/2	211/2	$22\frac{1}{2}$	24
Each	\$ 2.10	2.85	3.00	3.75	4.20	5.00

### LIGHT AND HEAVY TIN PACKING CANS

Quarts	1	2	3	4	6	8
Light, each	\$ .50	.60	-67	-84	1.35	1.50
Heavy, each	\$ .70	.75	-96	1.27	1.50	1.80
Quarts 10	12	16	20	25	30	40
Heavy, ea. \$ 1.95	2.25	2.55	3.00	3.38	4.13	5.25

### CARRY-OUT CANS

Pints	1	2	3	4	6	8
1X, each	\$ .30	.38	.45	-51	.75	.90
4X, each	.42	.51	.67	-84	1.20	1.50

### REGULAR BRICKS

Pints	1	2	3	4	5	6	8
One lid	.27	-36	.45	.54	-63	.72	.81
Two lids	.45	.54	.72	-81	-99	1.08	1.26

### EXTRA GRADE BRICKS

Pints	1	2	3	4	5	6	8
One lid	\$ .72	-81	.99	1.20	1.35	1.62	2.0
Two lids	-90	.99	1.20	1.35	1.62	1.80	2.2

### TIN



CARRY OUT



EXTRA GRADE



# ICE CREAM DISHERS



Tin, extra strong; cuts hard cream.

No.	4For	15-cent	plates	Per dozen	\$ 1.80
No.	6For	10-cent	plates	64	1.80
No.	10.—For	5-cent	plates	**	1.80

# ICE CRUSHERS



Chandler ice crushers. Oval top. Substantially made.

No. 1 Hopper 31/2x4 in. For mixed drinks, Each 5	6.00
No. 2 Hopper 4 x4 in. For family use. "	9.00
No. 21/2 Hopper takes about a 10-lb. cake of ice.	
For restaurant useEach	15.00



No. 31.—Gilchrist. Bowl and cleaner of highest grade German silver; other parts hardened bronze polished and heavily nickel-plated. Finely finished wood handle. Can be taken apart and put together instantly. Concealed spring. For ice cream cones. Holds 1-20th part of a quart Each \$ 2.00

# CEDAR TUBS



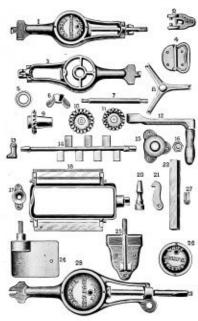
Extra heavy and of the best seasoned cedar, bound with galvanized hoops, the bottoms being dove-tailed insures against accident from rough riding. 1 to 6 quarts have bails: 8 to 40 quarts have side handles

mave balls, 8 th	o 40 qui	arts nav	ve side	handles	3.	
Quarts I	2	3	4	6	8	10
Each \$ .75	1.05	1.26	1.50	1.80	2.25	2-40
Quarts	12	16	20	25	30	40
Each	\$2.70	3.38	4.50	5.40	6.00	6.75

# TERLIN

# ICE CREAM FREEZER PARTS

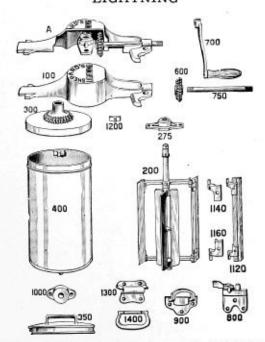
### WHITE MOUNTAIN



Parts for White Mountain Hand Ice Cream Freezers, 1, 2. 3, 4, 6, 8, 10, 12, 15, 20 and 25 quarts.

Give registered number of repair, as well as name and size of Freezer.

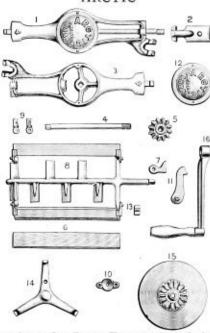
# LIGHTNING



Parts for Lightning Ice Cream Freezers, 1, 2, 3, 4, 6, 8, 10, 12 and 14 quarts.

Give registered number of repair, as well as name and size of Freezer, and number and letter on broken part.

### ARCTIC



Parts for Arctic Ice Cream Freezers, 1, 2, 3, 4, 6, 8, 10, 12 and 15 quarts.

Give registered number of repair as well as name and size of Freezer.

### DANA PEERLESS



Parts for Dana Peerless Ice Cream Freezers, 1, 2, 3, 4, 6, 8, 10, 12, 16, 20 and 25 quarts. Give registered number of repair as well as name and size of freezer and number and letter on broken part.

Not carried in stock. Shipped from factory direct.

# ICE TOOLS





No. 30.—Tempered steel, highly polished. Needle point. Pick 5 in. long. Imitation cherry handle. Length over all 81/2 in ...... Per dozen \$ 150



No. 100.—Tempered steel, highly polished. Sharp point. Pick 41/4 in. long. Friction polished handle, mahogany color, very durable. Length over all 71/2 inches...... Per dozen \$ 2.00



No. 34.—Tempered steel, highly polished. Pick 51/2 Imitation Nickel-plated metal cap. in. long. cherry stained handle. Length over all 9 inches... .... \$ 2.00 Per dozen .....



Sterling .- Tempered steel, highly polished. Pick 51/2 in. long. Friction polished handle, mahogany 

### HALSEY ICE CHIPPERS



No. 200 .- Halsey Wrought steel tinned, six steel points tinned. Length 91/2 in. Each in carton. Per dozen .

# One-half dozen in a box.



Gem .- Tinned, tempered steel plane knife. justable to shave coarse or fine. Length 6 in. Each in carton .... ... Per dozen \$ 8.00 One-half dozen in a box.





Hand forged solid steel. Painted black. Extra heavy and durable.

No. 1 Span	16	inchesPer pa	ir \$ 1.00
		inches "	1.20
		inches "	.1.40
No. 4Span	26	inches "	1.60
No. 5 Span	29	inches "	2.00
No. 6 Span	31	inches "	2.70



Double jointed, all steel. Diamond shape point. Jaws or arms of high carbon steel, very stiff and hard.

No.	E1.—Span	20	inches	Per	pair	\$ 1.00
			inches			1.20
			inches		4	1.40



Double jointed, all steel. Diamond shape point. Designed for family and wagon use.

No. E12.—Span 12 in. For family use.Per doz. prs. \$4.00 No. H12.-Span 12 inches. Extra heavy handle and tongs ..... Per doz. prs.



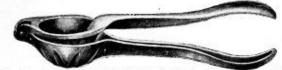


No. 158.—Steel blade 41/2 inches wide. Malleable D handle. Length over all 41 inches...... Each \$ 1.60 STERUNG BRAND FOR QUALITY STANDS"



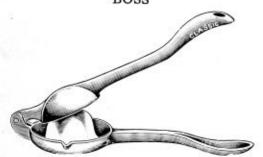
# LEMON SQUEEZERS

STANDARD



No. 11.—Standard, tinned, length 7½ in. Per dozen \$ 1.60 One dozen in a box.

BOSS



No. 5.—Boss pattern. Length 9 in. Tinned. With cup and lip. Extra heavy throughout. Per dozen \$ 2.50 One-half dozen in a box.

ALUMINUM



No. 2.—Japanned frame. Aluminum cup and ball, highly polished. Stands all fruit acids. Length about 9 in. With cup and lip........ Per dozen \$ 6.09 One-half dozen in a box.

### MANNY





No. 02.—Manny. All glass lipped bowl for use without tumbler. One-third dozen in a box. Per dozen \$ 1.70

FLY FANS



Keyless.—Attractive, convenient and durable. Will run one hour and a quarter at each winding, and can be rewound at any time by simply turning the cross piece at top of base................ Each \$ 4.00 Six in a box.

FLY TRAPS



Globe Harper
Globe.—Round top, 7 inches high, diameter of base
334 inches. Per dozen \$ 2.70
Harper.—Tin top, 9 inches high; wood base, 6 in
in diameter. Per dozen
One dozen in a box.

FLY KILLERS

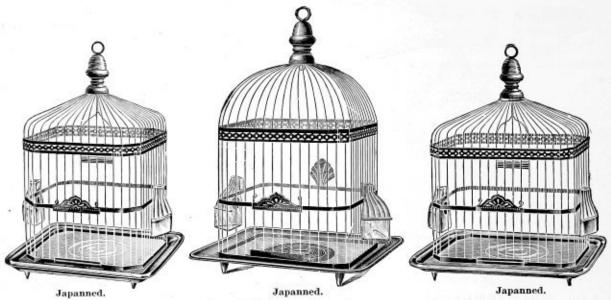


Wonder.—Fly Killer. Tin frame 4 in. in diameter painted blue. With perforated dome shape top. Kills flies quickly. Simply pour a little water in the tray. Will last one season......Per dozen \$ 1.70 One dozen in a box.



# BIRD CAGES

SOLD ONLY BY THE CASE. ASSORTMENT No. 1000



New Style Fancy Square.

New Style Fancy Oblong Square.

New Style Fancy Oblong Square.

Size Height Size Height Nos. Size Height Nos. Nos. 9¾x6½ in. 15½ in. 81/2×6 in. 065 06 141/2 in. 059 in. 71/2×71/2 in. 15 066 101/2x7 in. 16 in. 060 X8 in. 16 in. 161/2 in. 061 83/4×83/4 in.

Assortment square and oblong Japanned cages, 6 in all. Contains one cage each, Nos. 059, 060, 061, 06. No. 1000. .........Per case (6) \$ 9.00

ASSORTMENTS Nos. 2000, 3000 AND 4000

# Brass Brass Japanned.

All brass, Oblong Square,				New Fancy Oblong Square.			All Brass, Oblong Square with Guard.			
All brass, Oblong Square.			5.	New Fancy Opiong Square.			Nos.	Size body	Size base	Height
Nos.	Size body	Size base	Height	Nos.	Size body	Height		inches	inches	inches
		121/4x 91/4 in.		065	93/4×61/2 in.	15 in.	5004G	95/8×61/2	123/4× 93/4	123/4
		123/4x 93/4 in.		066	10½x7 in.	16 in.	5006G	10½x7½	131/4×103/4	131/4
5006	101/2×71/2 in.	131/4×103/4 in.	131/4 in.	067	11 x7½ in.	161/2 in.	5008G	103/4×83/4	133/4×11	141/2
5008	103/4×83/4 in.	13%x11 in.	141/2 in.							

Assortment oblong, brass and Japanned cages, 6 in all. Contains one brass cage each Nos. 5002, 5004, 

No. 3000 .-Assortment oblong brass cages, 6 in all. Contains, 2 brass cages each Nos. 5004, 5006, 5008. Per case (6) No. 4000.--Assortment oblong brass plain and guarded cages, 6 in all. Contains one plain brass cage each Nos. 

Under each cut is described in detail the cages as packed in the several assortments. We have made up assortments that experience has proven are standard and that meet the requirements of the general trade. Each is securely packed in a case and the cages are sold only by the assortment. We do not break cases.

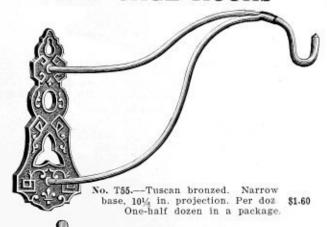


Each ...

# PARROT CAGES



# BIRD CAGE HOOKS





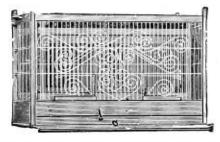
One dozen in a box.

# MOCKING BIRD CAGES



No. 1.—Length, 25½ in.; width, 15 in.; height, 24 inches ...... Each 4.80

# BREEDING CAGES



# BIRD CAGE SPRINGS



One dozen in a box.

"STERUNG BRAND FOR QUALITY STANDS"

# COFFEE MILLS



No. 12.—Top regulator, black
Japan finish, box 534x334
inches ....... Per dozen \$ 4.00
No. 1.—Top regulator, black
Japan finish, box 6x4 inches
Per dozen .......... \$ 4.80
One-half dozen in a case.



No. 14.—Top regulator, heavy stamped tin hopper, box 6x4 inches, iron parts finished in copper bronze ... Per dozen \$ 6.50

One-half dozen in a case.



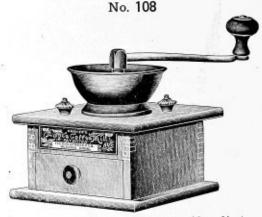
No. 8.—Double side adjusting screws, black Japan finish, box 61/4x41/4 inches, chilled iron grinders .... Per dozen \$ 7.00

One-half dozen in a case.

No. 204



One dozen in a case.



One-half dozen in a case.

Nos. 700, 701 and 702



Favorite high grade mills for general family use. Solid chilled grinders, dcuble locking regulators, ornamental iron box top finished in Delphian bronze. Well finished bardwood boxes.

 No. 700.—Box 6 x5 inches
 Per dozen \$ 8.00

 No. 701.—Box 6½x5 inches
 " 9.00

 No. 702.—Box 6¾x5½ inches
 " 10.00

One-half dozen in a case.



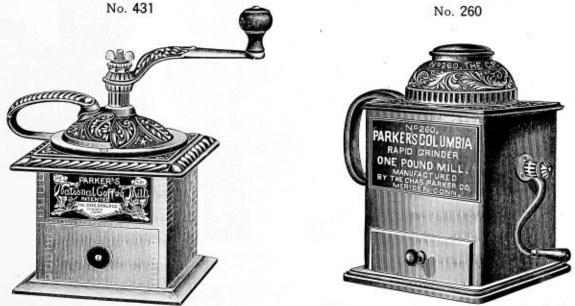
One-half dozen in a case.



## COFFEE MILLS



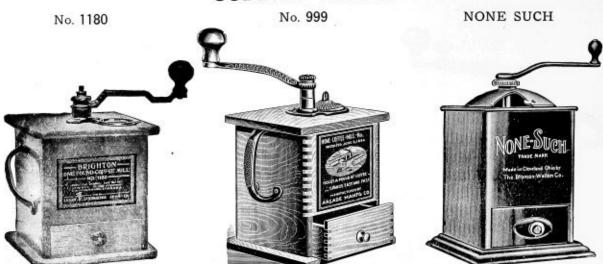
24-00



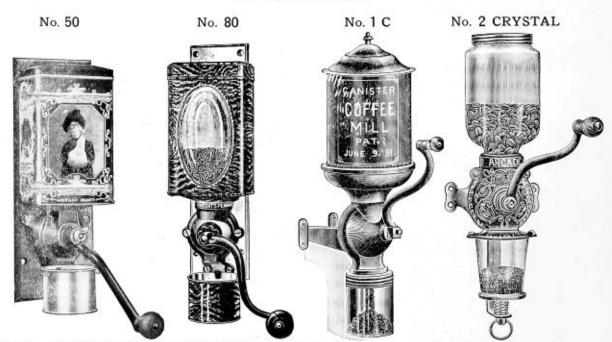
No. 431.—Parker's National. Hardwood finely finished dove-tailed box 5x5x4\(\frac{1}{2}\) inches in size. Rapid grinders, easily adjusted. All iron top and grip handle. Metal parts finely lacquered ....... Per dozen \$ 12.00 One-half dozen in a case.

10.00

# COFFEE MILLS



No. 1180.-...... Per dozen \$ 8.00 No. 999 .- Imperial. Chilled iron grinders with patent adjustment. Air tight hopper holding one pound of coffee. Hardwood box 61/2x61/2 inches, finely varnished. All trimmings in Arcadian bronze finish. Side handle . 9.00 mill. Made of steel throughout. Each in a carton ............ Per dozen 10.00 One-half dozen in a case.



No. 50. —American Beauty. Tin canister, air tight hopper handsomely ornamented. Chilled iron grinders, double nut regulator. Iron parts black Japanned. With enameled tin cup. Hardwood back. Each ...... Per dozen \$ 6.50

No. 80. shows at a glance the quantity of coffee remaining. Japanned castings. Hardwood back. Enameled tin cup. Each in a carton .... Canister. Heavy air tight rece

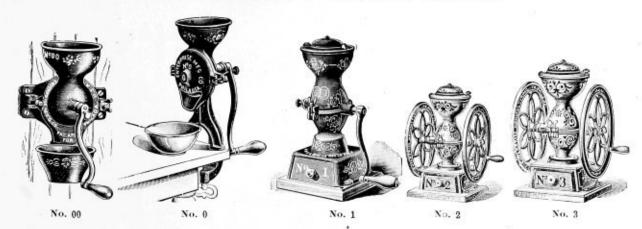
Heavy air tight receptacle holding two pounds of coffee. With hardened steel grinders. Extra heavy made throughout. A glass cup screws to the bottom of the mill into which the ground 

18.00 wall. Screw top. Improved rapid grinders, adjustable from coarsest grain to finest powder. Grinders will remain stationary as set. Glass receptacle to receive ground coffee held in place by spiral spring. Each in a carton ...... 18.00 ····· Per dozen

One-half dozen in a case.



## ENTERPRISE COFFEE MILLS









No. 7



No. 9

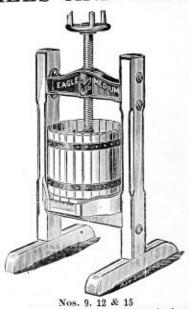
- No. 7.—Capacity of hopper 134 pounds of coffee. Height 21½ inches. Wheels 17 inches in diameter. Seventy-five turns by hand will grind a pound of coffee as fine as required ordinarily. Unless otherwise ordered will be sent with grinders for granulating coffee. Weight 62 pounds \_\_\_\_\_\_\_ Each 16

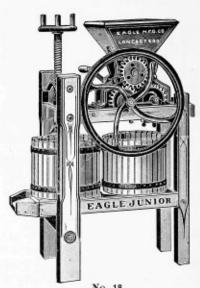
Enterprise mills can be furnished fitted with pulley for power, or motor driven and suitable for either direct or alternating current. Special catalogue and prices quoted upon request.



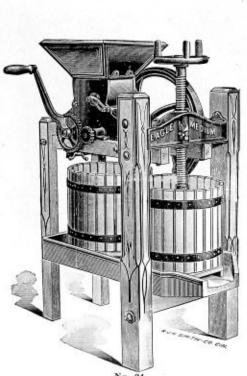
# CIDER MILLS AND WINE PRESSES

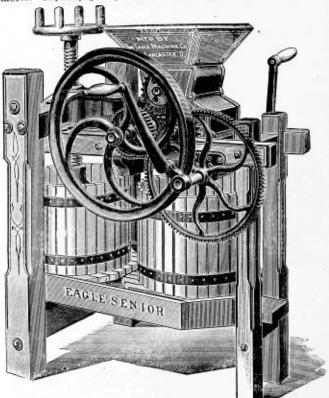






-Junior cider mill. Large hopper. Two tubs 10x10½ inches. Screw 1½ inches in diameter. Posts 36x3½x2¾ inches. Fly wheel 16 inches in diameter. Capacity 2 to 4 barrels of cider per day. Each \$ 18.00





No. 24 No. 30 No. 24. Medium cider mill. Hopper 14x14 inches inside. Two tubs 12x12 inches inside. Screw 11/2 inches in Posts 40x334x234 inches. Fly wheel 17 inches in diameter. Capacity 3 to 6 barrels of cider per day

Senior cider mill. Hopper 13x15 inches inside. Two tubs 14x15½ inches inside. Screw 2 inches in dameter. Posts 46x5x3½ inches. Fly wheel 22½ inches in diameter. Capacity 6 to 10 barrels of cider per day

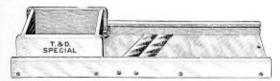
Not carried in stock; shipped from factory direct.

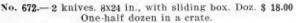
STERUNG BRAND FOR QUALITY STANDS"

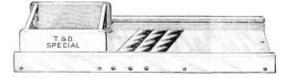


# KRAUT CUTTERS

### PLAIN







No. 673.—3 knives. 8x24 in., with sliding box. Doz. \$ 21.00 One-half dozen in a crate.

Plain Kraut cutters fitted with krives that cut both ways. Separate adjustment of knives and slices anything with the lightest pressure.

### IMPROVED

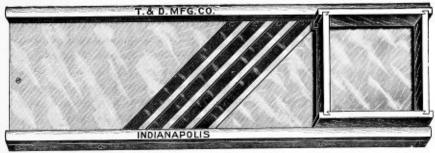




No. 643.—Three knives. 8x29 in., with sliding box.
Per dozen \$ 27.00
One-half dozen in a crate.







Improved Indianapolis Kraut Cutters made with 45 degree shear of knives. Adjustable and removable bed. Transverse cleats on back support bed and side rails. This construction makes proof against warping or shrinking and insures free running of sliding box. Heavy knives with thin cutting edges, painted blue and metal fittings galvanized. Rigid sliding box.

# SLAW CUTTERS





Ajax Cutters are well made and smoothly finished.

Maple wood. Adjustable knives.

### SUPERIOR





Superior Cutters are made of selected white sugar maple. Heavy construction, extra smooth finish. Tool steel adjustable knives, finely ground and painted blue.

# MINCING KNIVES

DOUBLE



No. 4.—Two blades. Polished steel. Malleable shank. Wood handle ....... Per dozen \$ 1.50 One dozen in a box.

### SENSIBLE



# FAMILY CLEAVERS



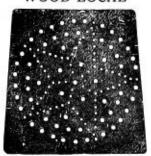
No. 200.—Solid steel, tempered blade, 7 inches long. Hardwood handle. Length over all about 12 in. Per doz. \$ 4.00 One dozen in a box.





## CHAIR SEATS

WOOD LOCAL



Local pattern. Birch, natural finish and varnished. 15 Nos..... . . . . . . . 12 14 16 18 Diameter, inches..... 12 14 15 16 18 Per dozen..... \$ 1.44 1.68 1.92 2.16 2.88 One dozen in a bundle.

FIBRE LOCAL



 Local pattern.
 Heavy fibre, tufted design.
 Black finish.

 Nos.
 42
 43
 44
 45
 46

 Diameter, inches.
 12
 13
 14
 15
 16

 Per dozen.
 \$ 1.80
 1.80
 1.80
 1.80
 1.80
 1.80

One dozen in a bundle.

WOOD BALL TOP



FIBRE BALL TOP



Fibre seats closely resemble pebble leather. Made of heavy stock pressed into a tuft design and finished in rich black. Easily applied.

# TOWEL ROLLERS



No. 707.—White wood, plain finish. Solid back. Plain roller 13/8x18 inches,.....Per dozen \$ 1.70 One dozen in a crate.



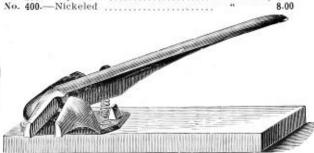
No. 706.—Oak, varnished finish. Open back. Varnished roller 13/8x18 in...... Per dozen \$ 3.00



No. 702.—Oak, varnished and polished finish. Solid back. Polished roller 13%x19 in.......Per dozen \$ 4.50 One dozen in a crate.

# **NUT CRACKS**



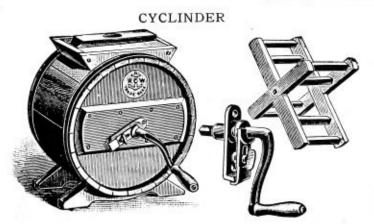


No. 10.—Japanned Nut Cracks. Stained wood base Per dozen

STERUNG BRAND FOR QUALITY STANDS"



# CHURNS



Cylinder improved. White cedar, with galvanized hoops and double dasher. Crank is locked to the churn with a clamp and thumb screw, which prevents leakage. Large top so that dasher may be easily removed.

Nos	1	2	3	4
Capacity, gallons	3	4	7	10
Churns, gallons	11/2	21/2	4	7
Each	\$ 3.25	4.00	4.50	5.25

One in a crate.



Oval. Well seasoned selected hardwood, varnished. With heavy hoops. Double dasher. Heavy and durable castings. Easy working—it churns quickly and thoroughly.

Nos	04	06	08	010	012
Capacity, gallons	4	6	8	10	12
Churns, gallons	21/2	4	5	7	8
Each	\$ 3.75	4.00	4.25	4.50	5.00
Т	wo in a	crate.			

### MAGIC BARREL



Magic barrel. Selected quartered white oak. With patent drop steel forged cover insuring a perfect fit and no leak. No warping, splitting or breaking. Rapid tightening adjustment. With stand.

Nos	0	1	2
Capacity, gallons	6	10	15
Churns, gallons	3	41/2	7
Each		9.00	10.00

One in a crate.

### HERO BARREL



Hero barrel. Selected quartered white oak. With heavy steel hoops. Perfectly fitting cover. Most approved clamping and tightening device. Does not break the grain of the butter. Complete with upright stand.

Nos	3	4
Capacity, gallons		* 25
Churns, gallons	9	12
Each	\$ 11.00	14.00

One in a crate.





# **CHURNS**

### OAK DASH.

Ayres pattern. Made of selected oak, well seasoned. With galvanized hoops and guard. Bail side handles.

Part and a second of the second	The District of		STATE SES	****	
Nos	8	10	13	16	20
Gallons	8	10	13	16	20
Each		3.38	3.75	4.13	4.50

### CEDAR DASH.

Well seasoned cedar. Steel hoops, flaring pattern. Extra small size, desired by many.

Six in a crate.

### ASH DASH.

Selected ash, well seasoned, filled and varnished. Flaring pattern. Steel hoops.

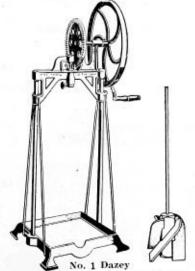
Nos	05	07	010
Gallons	5	7	10
Each		1.50	1.65

Six in a crate.



ASH DASH





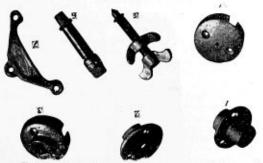


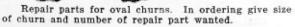


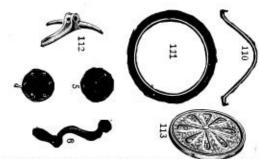
Dazey. Solid cast from base. Reinforced cast from gearing. Solid steel center rods ½-inch in diameter, japan-ned and securely bolted. Tank of high grade I. X. charcoal tin, heavily soldered. Painted with red enamel and sten-

OVAL

# CHURN REPAIR PARTS MAGIC BARREL







Repair parts for Magic or Hero barrel churns. In ordering give size of churn and number of repair part wanted.

Churn repair parts not carried in stock; sent from factory direct.

# WOODEN WARE

### WOOD BOWLS



Made of best Michigan hard maple, polished and finished with paraffine wax to prevent splitting. Extra deep, heavy rimmed and nicely finished. Full measurement.

No. 3.—Diameter, 13 inches	Per dozen \$	4.00
No. 3.—Diameter, 13 inches		6.00
No. 5.—Diameter, 15 inches No. 7.—Diameter, 17 inches	44	10.50
No. 9.—Diameter, 19 inches	64	15.00
No. 11.—Diameter, 21 inches	**	18.00

13 and 15-inch, one dozen; others, one-half dozen in a crate.

### BUTTER MOULDS



No. 1.—Round shape and hand carved. One pound full size. Original designs. Best selected maple, perfectly seasoned. Will not warp. Per doz. § 3.50

One dozen in a crate.



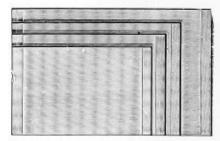
One dozen in a crate.

### BUTTER LADLES



One dozen in a bundle.

### PASTRY BOARDS



Pastry Boards. Made of kiln dried basswood %-inch thick. Hardwood cleats dove-tailed and glued on at the ends. Smooth sand papered faces and edges. Each imheavy sealed envelope, insuring the board reaching purchaser in perfect condition.

No.	2	-16×22	inches								Per dozen	\$ 7.20
No.	3	-18x24	inches								**	8-40
			inches									9.60
			One-	half	dos	on	in	9	ers	ate		

### WOOD SPOONS



No. 015.—Hardwood, polished. With turned handle. Length 15 inches.........Per dozen \$ .80 One dozen in a package.

### WOOD ROLLING PINS



### GLASS ROLLING PINS



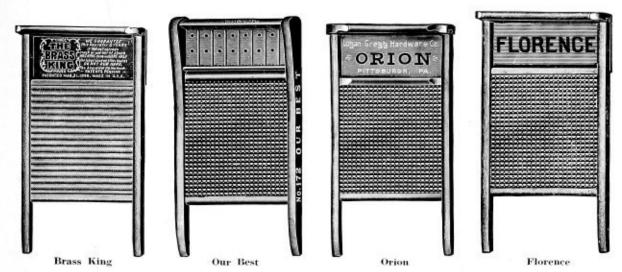
### SALT BOXES



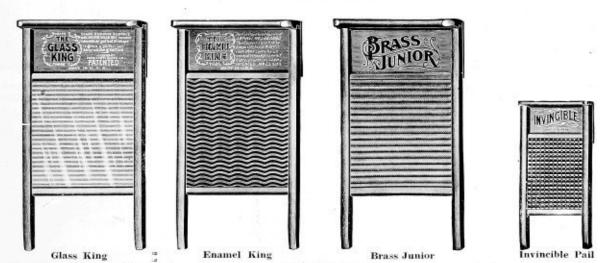
No. 9066.—Salt boxes. Hard wood varnished. Large size Per dozen \$ 4.00



### WASH BOARDS



One-half dozen in a crate.



rode. Durable and sanitary Per dozen 7.00

Brass Junior.—Single surface. Spiral crimp. Regular head. Washing surface 10x10½ inches. Size over all 11½x

23½ inches A brass board at a popular price
Per dozen 5.00

### One-half dozen in a crate.

All wash boards are made from thoroughly seasoned and selected lumber. We offer in the several brands a variety of crimps and sizes. Every board guaranteed as to material and workmanship. Well finished and carefully crated.

# WASH TUBS



One-half dozen in a bundle—bottom tub heavily wrapped.

### WRINGER ATTACHMENT

### PLAIN GALVANIZED

### WOOD



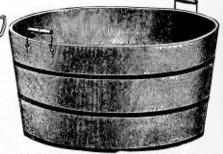
Galvanized, with wringer attachments. Seamed. ½ dozen in a bundle.

No. 10.—Diam. 19½ in.; depth
10½ inches...... Per dozen \$ 14.00

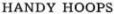
No. 20.—Diam. 21½ in.; depth
11 inches...... Per dozen
No. 30.—Diam. 24 in.; depth
11 inches..... Per dozen
16.50



Plain galvanized. Seamed. Drop handles. One-half dozen in a bundle. No. 1.—Diam. 19½ in.; depth 10½ inches ...... Per dozen \$ 12.00 No. 2.—Diam. 21½ in.; depth 11 inches ...... Per dozen 13.00 No 3.—Diam. 24 in.; depth 11 inches ...... Per dozen 14.50



Standard Pine. Varnished and striped. One-half dozen in a bundle. No. 03.—Diam. 19 in.; depth 10 inches .... Per dozen \$ 10.00 No. 02.—Diam. 21 in.; depth 10 inches .... Per dozen 12 00 No. 01.—Diam. 23 in.; depth 11½ inches ... Per dozen 16.00 HOOP IRON







	*	MADE.			Control of the second	TOTAL CO.	1
			fi	t al	l common sized tu	bs and ba	rrels
No. 1 %x	78 inches.	50 in	a	box.	Plain	Per box \$	4.50
No. 21 X	80 inches.	50 in	a	box.	Plain		5.30
					Plain		4.80
					Plain		5.30
					Galvanized		6.50
					Galvanized	**	7.00



Hoop Iron in Coils.

3/.	inch.	Per 1	ть <b>S</b>	lack .09	Galvanized \$ .13
3/4		**		.081/4	.12
1	64	64		.08	.11
11/4		**		.08	.11
11/2		44		-08	.11
	Abo	ut 25	pound	s in a	coil.

STERUNG BRAND FOR QUALITY STANDS



# **PAILS**

### STERLING GALVANIZED



The state of the s	100
Extra extra heav	y. Fork ears. I

Sterling. Extra heavy.	Wcod	bails.		Sterling. Extra extra h	eavy.	Fork ears.	Heavy	bail.
	3140	3142	3144	Nos		714	716	720
Quarts	10	12	14	Quarts	12	14	16	20
Per dozen §	7.50	8.00	8.50	Per dozen	\$ 10.00	11.00	12.00	18.00
One-half dozen in a		e.		One-half d	lozen ir	a bundle.		
		Charles and a contract					Consumor and the second	

Sterling galvanized pails are strictly hand made and carefully soldered and tested. Made of galvanized sheets only, insuring perfectly smooth surfaces. Pyramid seamed and extra heavy ears reinforced. A better pail cannot be made. In half dozen bundles—the bottom pail wrapped.

### REGULAR



Regular. Stamped ears. Plain galvanized.

Nos	102	122	142
Quarts	10	12	14
Per dozen \$	3.50	4.00	4.50
One dozen	in a	bundle.	



### ROUND BOTTOM



Round bottom. Stamped ears. Plain galvanized.

C TOTAL DOLL OF THE PARTY OF TH	
No	202
Quarts	12
Per dozen	\$6.00
One dozen in a bundle.	8

### FIBRE



Star.—Indurated fibre. Capacity about 12 quarts. 8½ in. deep; 11 in. diameter at top....Per dozen \$ 3.60 One-half dozen in a crate.

### J. I. C. HORSE



J. I. C.—Horse pails. Heavily ironed, flush bottom.
Strap ear extends down the side, fits over hoops and laps under the stave at bottom.... Per dozen \$ 12.00 One-half dozen in a bundle.

### FIBRE FIRE



No. 630.—Round bottom. Indurated fibre. Capacity about 12 quarts. Stenciled "For Fire Only." Per doz. \$ 6.30 One-half dozen in a crate.

# WASHING MACHINES

### UP-TO-DATE



### REX



Rex.—Large tub of Louisiana Red Cypress. Double thickness overlap lid. Dasher fitted with new device preventing clothes from catching and tearing. The castings, where extra strength is required are made malleable, insuring against breakage. High speed fly wheel and fast revolving dasher. Castings so balanced that by lifting with the lever the cover opens very easily. When open allows plenty of room to put in or take out clothes. Finely finished....Each \$ 13.00

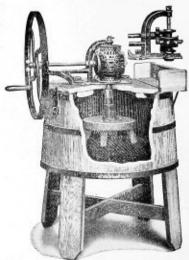
### IMPERIAL ROTARY



Imperial Rotary.—Flaring bottom, best grade tub.

Stave leg. High speed and easy to turn. Most improved gearing, reducing friction to a minimum. Roller bearings, making it when loaded practically noiseless. Dasher post of cast iron, heavily galvanized. Dasher of hardwood. New overlapping lid. Equipped with detachable collar for inside dasher which positively prevents the clothes from becoming torn. Will take large size wringer. Finely finished throughout, all castings aluminum bronzed.................... 8 10.50

### BANNER ROTARY



Banner Rotary.—High grade Louisiana Red Cypress tub, natural finish and varnished. Stave leg. Dasher block of Cypress—will not warp or split. Telescope dasher post forces the dasher into the clothes. Gearing fitted with roller bearings and all iron parts coming in contact with water galvanized to prevent rust. Covered gears eliminate danger of catching the fingers in the mechanism. Neatly finished throughout. Will take large size wringer...... Each \$ 11.00

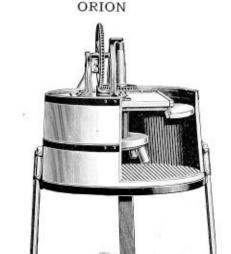


# WASHING MACHINES

### PAN AMERICAN



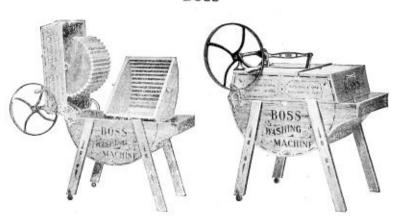
Pan American.—Flaring bottom tub made from choice selected stock. Stave leg. Corrugated sides and bottom and fitted with three heavy iron hoops. Strong and substantially made gearing, lever type. The castings are aluminum bronzed and the wheel gold bronzed. The post and dasher are made from well seasoned and selected stock which will not warp or crack. One of the original ideas in washing machine construction embodying many of the modern features as regards strength and durability. Ea. \$ 7.00



# WESTERN WESTERN WASHER MANUFACTURED BY THE BLACKSTONE MFG.CO. JAMESTOWN, N.Y.

Western. High grade selected stock, no danger of warping. Corrugated sides. Well seasoned dasher and post. Lever pattern. The castings are all heavy and smoothly finished. The gearing is finished in aluminum bronze and the wheel gold bronzed. Fitted with extension bench and capable of holding large wringer.

BOSS



Boss. Louisiana Red Cypress, natural finish. Iron parts exposed to water galvanized to prevent rust. Clothes are placed between oscillating rub-boards. Will not tear the finest fabrics—laces and silks, and yet will wash large and small garments with equal facility.

"STERUNG BRAND FOR QUALITY STANDS"



# MOTOR WASHING MACHINES



### STERLING MOTOR

Sterling Motor. Large tub of Louisiana Red Cypress—the most durable wood for washing machines. Equipped with Sterling safety dasher—no tearing of clothes. Will wash the finest as well as the coarsest fabrics without injury. The motor is made of a solid brass casting and is rust-proof. Every part is carefully machined and tested. But one valve is used in the construction of the Sterling motor. The piston is made of a double hydraulic leather cup. The gear rack and gear are fully protected by shield or cover. Guaranteed to operate successfully if the water pressure is 20 pounds or over. This feature commends this type to all users in iccalities where the water pressure is low—yet at the same time it will work admirably on higher pressures. Regulate feed to produce 60 strokes per minute and the outfit will give you complete satisfaction.

Sterling ..... Each \$ 20.00



### MAGIC MOTOR

Magic Motor. Large flaring bottom tub of Louisiana Red Cypress. Stave leg. Improved dasher. The motor is substantially made of brass which prevents rust and is perfectly machined to provide against wear. It has no small parts to get out of order—in fact it is simply constructed throughout. Requires but a very small quantity of water to make the machine give the greatest efficiency. Will give satisfaction where the water pressure is 35 pounds or greater—under no circumstances use this machine where the pressure is less than 30 pounds. Regulate the faucet so as to give the motor 60 strokes per minute and the most satisfactory results will be obtained.

Magie ...... Each \$ 22.00



### IRWIN MOTOR

Irwin Springless Motor. Full sized flaring tub, stave leg and of high grade material. Improved internal construction—which does not catch or tear the clothes. The motor is of new design entirely of brass. No springs to get out of order and easily "packed" to prevent water leakage (loss of power). The wear from the load is taken up in the solid double bearings of the dasher shaft and does not affect the motor proper. Will work satisfactorily on a water pressure of 30 pounds or more. The feed should be regulated to give 60 strokes per minute to the motor and when this is done satisfactory results follow.

Irwin ..... Each \$ 22.00

### POINTS TO REMEMBER IN OPERATING WATER MOTOR MACHINES.

Be sure your pressure is sufficient to operate motors as above specified.

Regulate the feed (at the faucet) so as to give 60 strokes per minute to the motor. This means 60 revolutions of the dasher and the machine will give better results than if running at a higher rate of speed. Further the wear on the motor will be greatly reduced.

Remember that there is a limit to the quantity of clothes that can be washed at one time. Best results are obtained by not over crowding.

Treat the motor fairly and its work will please you.

# STERLIN G

# WASHING MACHINES

ELECTRIC MOTOR

ELECTRIC MOTOR.

ALTERNATING OR DIRECT

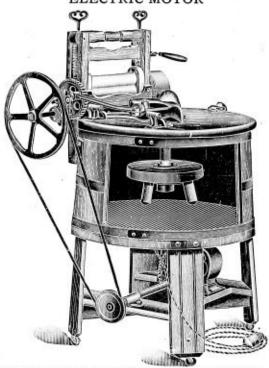
CURRENT.

SIMPLE IN OPERATION.

LEVER CONTROLLED.

SPEED REDUCING

GEAR MECHANISM.



GUARANTEED WRINGER.

ENCLOSED COGS.

REVERSIBLE.

LOUISIANA CYPRESS TUB.

LARGE SIZE.

OVERLAPPING LID.

SECURELY BOLTED

AND BRACED.

Motor. The best that can be made and with ordinary care will last for years. Rawhide pinion provides better insulation from iron work of washer and makes a positive, practically noiseless transmission of power. Provided with speed reducing gearing mechanism for reducing the speed as applied to the power shaft. With cord and plug for socket.

Gearing Mechanism. Attached to the hardwood wringer frame—more desirable than attaching to cover or body.

Tub. Louisiana Red Cypress. % inch thick. With interior, both sides and bottom, fully corrugated. 2 extra
heavy steel hoops. Capacity about 22 gallons—inside dimensions being 23 inches at bottom, 22 inches at top and 11
inches deep. Heavy 2-ply overlapping lid. 134 inches thick—prevents twisting and warning. Finished in natural.

wringer. Guaranteed 5 years. Rolls 10x134 inches thick—prevents twisting and warping. Finished in natural.

Wringer. Guaranteed 5 years. Rolls 10x134 inches. Cogwheel shields protect the fingers. Reversible—works forwards or backwards by turning the lever. If clothes become caught or wound around the rolls, a simple movement of the lever immediately stops the wringer and causes it to reverse.

Operation. Power for both washer and wringer controlled by 2 levers placed together on the side of the machine from which the cover opens. Thus the operator may stand on the side opposite from the hinged edge of the cover and have access to the interior and to the wringer without danger of coming in contact with driving belt or gearing. Simple movement of levers to right or left starts or stops either washer or wringer.

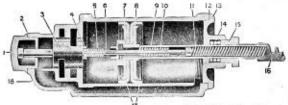
Voltage and Current. Ascertain fram your power company first the voltage—second the current—whether alternating or direct. If alternating advise number of cycles and phase. Don't forget this.

No. 50.—Blackstone electric machine complete with wringer...... Each \$ 50.00

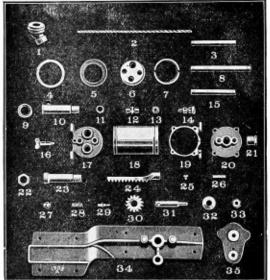




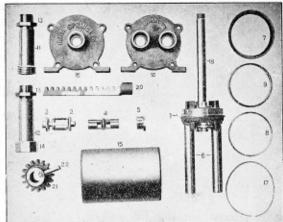
# WASHING MACHINE REPAIRS

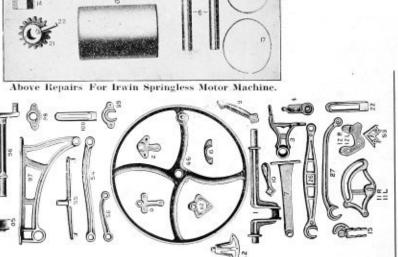


Above Repairs for Sterling Motor Washing Machine.

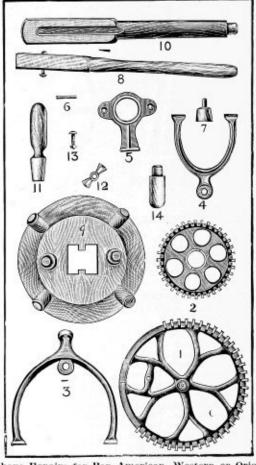


Above Repairs for Magic Motor Washing Machine.

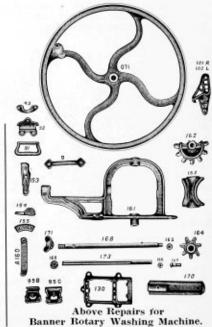




Above Repairs for Boss Washing Machines.



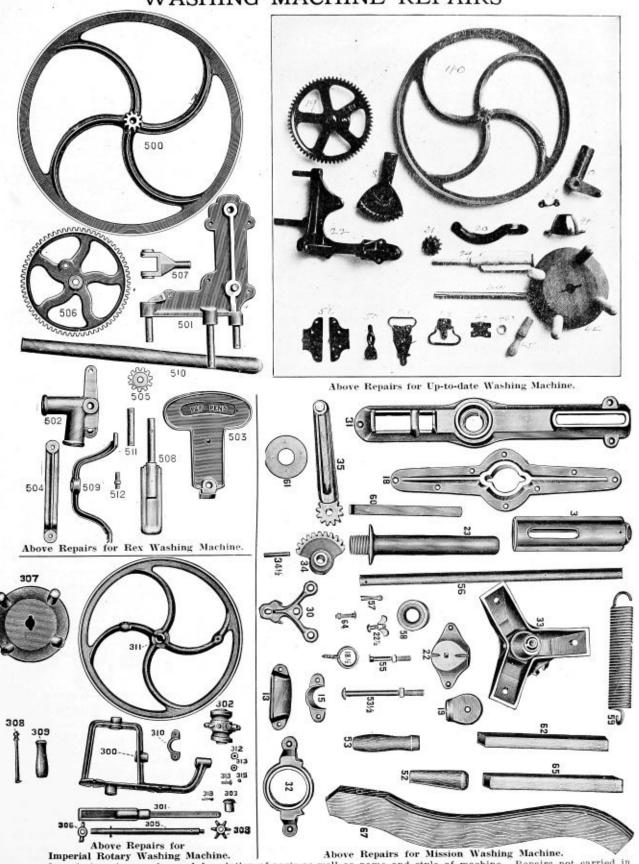
Above Repairs for Pan American, Western or Orion Washing Machines.



In ordering give number and description of parts, as well as name and style of machine. Repairs not carried in stock; sent from factory direct.



# WASHING MACHINE REPAIRS



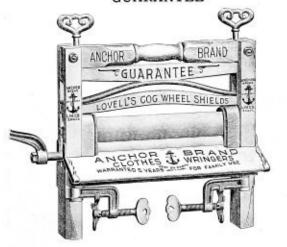
Imperial Rotary Washing Machine.

Above Repairs for Mission Washing Machine.

In ordering give number and description of parts as well as name and style of machine. Repairs not carried in stock; sent from factory direct.



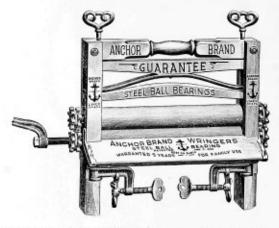
### GUARANTEE











Guarantee. Cog wheel shields. Steel ball bearings. Flat steel spring. Warranted 5 years. Extra high grade rolls. Clamp opens 1% in. Suitable for galvanized iron or wooden tubs. An extra grade wringer having every desirable feature.

No. 790.—Rolls 10x1¾ inches ....... Per dozen \$ 87.00 No. 791.—Rolls 11x1¾ inches ....... " 96.00

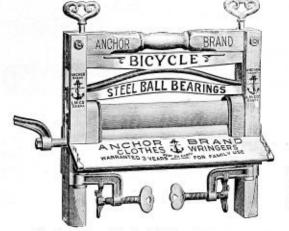
One-fourth dozen in a case.

Guarantee. Steel ball bearings. Flat steel spring. Warranted 5 years. Extra high grade rolls. Clamp opens 1% in. Suitable for galvanized iron or wooden tubs. An extra grade wringer—well made throughout.

No.	590	Rolls,	10×13/4	inches	1	Per	dozen \$	84-00
No.	591	-Rolls,	11x13/4	inches			"	93.00
No.	592	-Rolls,	12x13/4	inches				102.00

One-fourth dozen in a case.

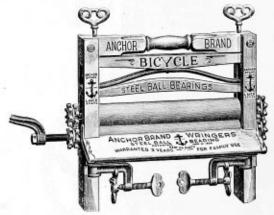
### BICYCLE











Bicycle. Cog wheel shields. Steel ball bearings. Flat steel spring. Warranted 3 years. Clamp opens 15% in. Suitable for galvanized iron or wooden tubs.

No. 770.—Rolls, 10x1¾ inches ...... Per dozen \$ 76.00 No. 771.—Rolls, 11x1¾ inches ...... " 84.00

One-fourth dozen in a case.

Bicycle. Steel ball bearings. Flat steel spring. Warranted 3 years. Clamp opens 1% in. Suitable for galvanized iron or wooden tubs.

No. 110.—Rolls, 10x1¾ inches Per dozen \$ 73.00
No. 111.—Rolls, 11x1¾ inches "81.00
No. 112.—Rolls, 12x1¾ inches "89.00

One-fourth dozen in a case.

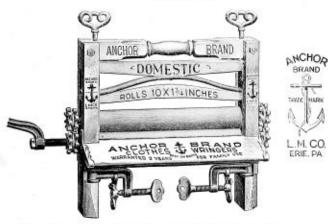
The ball bearing feature permits the above wringers to be turned with half the labor necessary for the regular bearings. Having outside openings all moisture and water drain out.

The cog shields on numbers 790, 791, 770, and 771 are inside of the frame and the bearings are unobstructed so that they can be easily oiled or cleaned. Account of the wider frame a greater spring capacity is given which permits heavy articles to be wrung with less strain on the roll than on the exposed gear machines.

The hold fast tub clamp fastens the wringer securely to either galvanized, wooden or fibre tubs.



### DOMESTIC

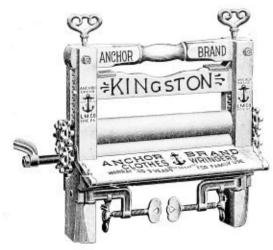


Domestic. Metal bearings. Flat steel spring. Warranted 3 years. Clamp opens 15% in. Suitable for galvanized iron or wooden tubs.

No.	110Rolls,	10×13/4	inches	 Per dozen	\$ 66.00
No.	111 Rolls,	11x13/4	inches	 	74.00
No.	112.—Rolls,	12x13/4	inches	 **	82.00
	214Rolls,				116.00

One-fourth dozen in a case.

### KINGSTON

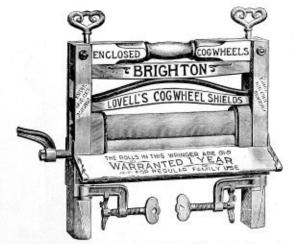


Kingston. Metal bearings. Steel spiral springs, Warranted 3 years. Clamp opens 15g in. Suitable for galvanized iron or wooden tubs.

	310Rolls,			Per dozen	\$ 66.00
No.	311.—Rolls,	11x13/4	inches	 	74.00
No.	312 Rolls.	12X13/.	inches	44	89.00

One-fourth dozen in a case.

### BRIGHTON

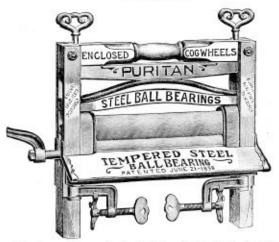


Brighton. Cog wheel shields. Flat steel spring. Regular bearings. Warranted 1 year. Clamp opens 15% in. Suitable for galvanized iron or wooden tubs.

No. 630.—Rolls, 10x1¾ inches ....... Per dozen \$ 58.00 No. 631.—Rolls, 11x1¾ inches ....... " 65.00

One-fourth dozen in a case.

### PURITAN



Puritan. Cog wheel shields. Steel ball bearings. Flat steel spring. Warranted. Clamp opens 15% in. Suitable for galvanized iron or wooden tubs.

No. 730.—Rolls, 10x1¾ inches ........ Per dozen \$ 72.00 No. 731.—Rolls, 11x1¾ inches ........ " 78.00

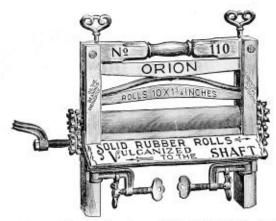
One-fourth dozen in a case.

The cog shields on Nos. 630, 631, 730 and 731 are inside of the frame and the bearings are unobstructed so that they can be easily oiled or cleaned. Account of the wider frame a greater spring capacity is given which permits heavy articles to be wrung with less strain on the roll than on the exposed gear machines.

The ball bearing feature on Nos. 730 and 731 is labor saving. Outside openings permit all moisture and water to drain out.

The holdfast tub clamp fastens the wringer securely to either galvanized, wooden or fibre tubs.

### ORION

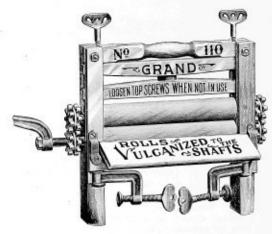


Orion. Regular bearings. Flat steel spring. Clamp opens 1½ in. Suitable for galvanized iron or wooden tubs. A very attractive and satisfactory wringer.

No.	110	-Rolls.	10x13/a	inches	 Per dozen	S	60.00
						0	66.00
No.	112	-Rolis.	12x13/	inches	 44		74.00

One-fourth dozen in a case.

### GRAND

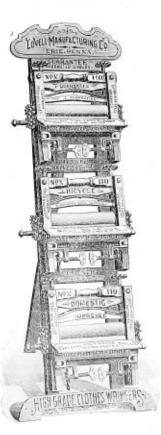


Grand. Regular bearings. Top adjusting screws. Clamp opens 1% in. Suitable for galvanized iron or wooden tubs. No guarantee on this wringer.

No. X110 .- Rolls, 10x13/4 inches ..... Per dozen \$ 40.00

One-fourth dozen in a case.

### O. D. SET



# ASSORTMENTS

### WITH DISPLAY STAND

O. D. Set .- Wood frame assortment, containing:

One No. 110 Guarantee 5-year warranted metal bearing wringer.

One No. 110 Bicycle 3-year warranted ball bearing wringer.

One No. 110 Domestic 3-year warranted metal bearing wringer.

Assortment, including display stand.

### Per Set, \$20.00

One set in a case.

B. B. Set.—Iron frame assortment, containing:

One Guarantee 5-year warranted ball bearing wringer.

One Bicycle 3-year warranted ball bearing wringer.

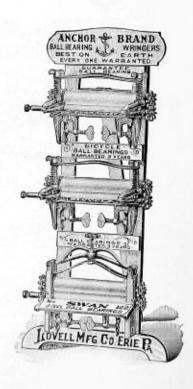
One Swan 3-year warranted ball bearing wringer.

Assortment, including display stand.

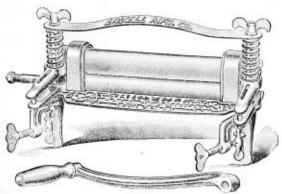
Per Set, \$21.00

One set in a case.

B. B. SET

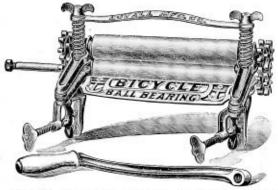






Bicycle. Cog wheel shields. Steel ball bearings. Steel spiral springs. Galvanized malleable iron frame. Warranted 3 years. Clamp opens 13% inches. No. 732.—Rolls, 10x1¾ inches ...... Per dozen \$ 76.00 No. 733.—Rolls, 11x1¾ inches ...... 84.00

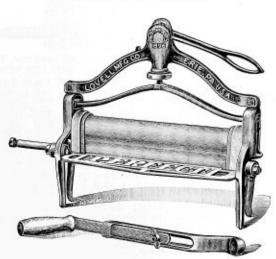
One-fourth dozen in a case.



Bicycle. Steel ball bearings. Steel spiral springs. Galvanized malleable iron frame. Warranted 3 years.

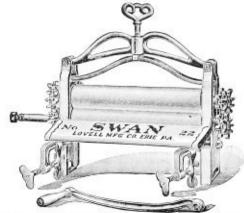
Gaing opens 1 1/8 inches	Per dozen \$ 73.00
No. 122.—Rolls, 10x1 1/4 inches	Per dozen \$ 73.00
No. 123.—Rolls, 11x1 1/4 inches	81.00
No. 124.—Rolls, 12x1 1/4 inches	89.00

One-fourth dozen in a case.



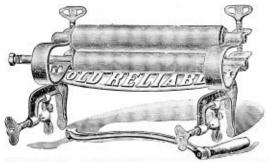
Perfect. Cog wheel shields. Flat steel spring. Galvanized malleable iron frame. Warranted 2 years. Adjustable lever fastens the wringer securely to the tub and at the same time pressure is adjusted to the rolls. Clamp opens 11/4 inches. With extension crank.

No. 400.—Rolls, 11x134 inches ...... Per dozen \$ 80.00 One-fourth dozen in a case.



Regular bearings. Flat steel spring. vanized malleable iron frame. Warranted 3 years. Clamp

One-fourth dozen in a case.



Old Reliable. With relief screws for removing pressure from rolls when not in use. Warranted 2 years.

Clamp opens 1% inches.

No. 22.—Rolls, 10x1¾ inches Per dozen \$ 61.00

No. 23.—Rolls, 11x1¾ inches "68.50

No. 24.—Rolls, 12x1¾ inches "76.00

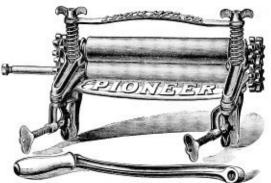
One-fourth dozen in a case.



Perfect. Cog wheel shields. Flat steel spring. Gal-vanized malleable iron frame. Warranted 2 years. Adjustable lever fastens the wringer securely to the tub and at the same time pressure is adjusted to the rolls. Clamp opens 1½ inches. With regular crank.

No. 200.—Rolls, 11x1¾ inches...... Per dozen \$ 74.00

One-fourth dozen in a case.



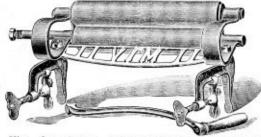
Pioneer. Regular bearings. Steel spiral springs. Galvanized malleable iron frame. Clamp opens 1% in. Warranted for 1 year. One-fourth dozen in a case.

No.	22Rolls,	10x13/4	inches	 Per	dozen	\$ 55.00
No.	23 Rolls,	11x13/4	inches	 1		62.00
	24.—Rolls,					69.00



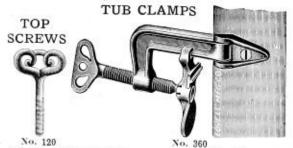
Superb. With relief screws for removing pressure from rolls when not in use. Warranted 1 year. Clamp opens 1% inches. One-fourth dozen in a case.

				Per dozen	\$ 5	1.00
No. 23	.—Rolls,	11x13/4	inches	 **	5	7.50
No. 24	.—Rolls,	12x13/4	inches	 "	6	4.00



Vim. Iron frame. Clamp opens 15% inches. No guarantee on this wringer. One-fourth dozen in a case.

No. 2.—Rolls, 10x13/4 inches ........ Per dozen \$ 37.00



No. 120.—Galvanized pressure screws. Per dozen \$ 2.40 No. 360.—Hoidfast tub clamps. Galvanized malleable iron. For wood frame wringers. Made

# WRINGER ROLLS



Rolls without cog wheels. This style will fit Old Reliable, Superb and Vim wringers.

No.	51Upper	roll.	10×13/4	inches	 Per dozen	8	19.50
No.	52 Lower	roll.	10x13/4	inches	 "		19.50
No.	53.—Upper	roll.	11×13/4	inches	 		23.00
No.	54 Lower	roll.	11x13/4	inches	 		23.00
No.	55Upper	roll.	12x13/4	inches			26.50
No.	56 Lower	roll.	12x13/4	inches	 		26-50



Rolls with cog wheels. This style will fit Domestic, Pioneer, Swan, Orion and Grand wringers.

No. 39Upper	roll.	10x13/4	inches	P	er dozen.\$	21.00
No. 60Lower	roll.	10×13/4	inches		64	21.00
No. 41.—Upper	roll.	11x13/4	inches		**	24.50
No. 62.—Lower	roll.	11x13/4	inches		**	24.50
No. 43.—Upper	roll.	12×13/4	inches		**	28.50
No. 64.—Lower	roll.	12x13/4	inches		44	28.50

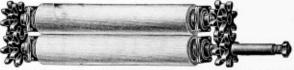


Rolls with cog wheels for enclosed gear. This style will fit Guarantee, (790 series), Bicycle (770, 770B and 732 series), Brighton (630 series) and Puritan wringers. If wanted with Ball Bearings, add \$3.50 per doz. to list.

No. 33Upper	roll.	10x13/a	inches	Per dozen	\$ 21.00
No. 151.—Lower					21.00
No. 35Upper	roll.	11×13/4	inches	"	24.50
No. 152Lower	roll.	11x13/4	inches	44	24.50

### For Perfect wringers Nos. 200 and 400.

No.	123.—Upper	roll.	11x13/4	inches	Per dozen	\$ 24.50
	194.—Lower					24.50



Rolls with cog wheels and steel ball bearings. This tyle will fit Guarantee (590 series). Bicycle (110 series).

print at the comment	1000	acrical,	Dichero (III) po	wanne b.
No. 7.—Upper roll.	10×13/4	inches	Per dozen \$	24.50
No. 8.—Lower roll.	10×13/4	inches		24.50
No. 9.—Upper roll.	11x13/4	inches		28.00
No. 10.—Lower roll.	11x13/4	inches		28.00
No. 11.—Upper roll.	12x13/4	inches	"	31.50
No. 12.—Lower roll.	12x13/4	inches	"	31.50

### For Bicycle wringers (122 series).

No.	13.—Upper	roll.	10×13/4	inches	Per dozer	\$ 24-50
	14Lower					24.50
	15Upper					28.00
	16Lower					28.00
	17.—Upper					31.50
	18Lower					31.50

Always order rolls by number.

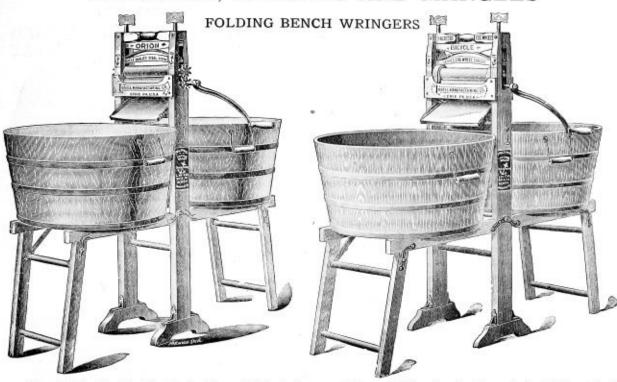
### CRANKS



No. 300.—Galvanized malleable iron crank. Fits all wringers illustrated .......... Per dozen \$ 4.00



# WRINGERS, BENCHES AND MANGLES



Orion folding bench. Regular bearings. Flat steel spring. Warranted 1 year. Reversible water board, conducts the water into either tub.

No. 150B.—Rolls, 10x1¾ inches ...... Per dozen \$ 84.00 No. 151B.—Rolls, 11x1¾ inches ...... " 90.00

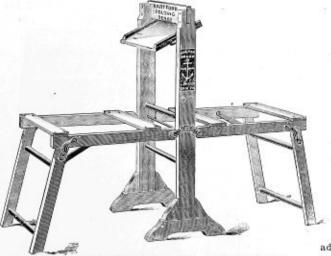
One-twelfth dozen in a crate.

Bicycle folding bench. Cog wheel shields. Steel ball bearings. Flat steel spring. Warranted 3 years. The reversible waterboard, conducts the water into either tub.

No. 770B.—Rolls, 10x1¾ inches ...... Per dozen \$ 100.00 No. 771B.—Rolls, 11x1¾ inches ...... " 108.00

One-twelfth dozen in a crate.

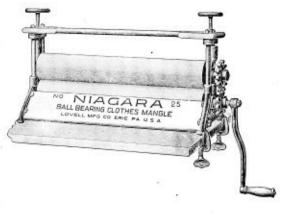
### FOLDING BENCHES



Hartford folding bench. Hardwood, nicely varnished. Can be folded up when not in use. Specially constructed for the purpose of holding two tubs or a tub and a clothes basket. A wringer of any pattern can be placed on the cross bar and by use of the reversible water-board the water can be conducted to either side.

One-fourth dozen in a crate.

### MANGLES



Niagara. Ball bearing table mangle. Specially adapted to family use. Can be clamped to any table. Rolls are made of selected hardwood and thoroughly seasoned. Mangles are designed for straight piece work but are not suitable for shirts or clothes with buttons. The rolls are 24 inches wide and 3½ inches in diameter—capacity sufficiently large to meet the requirements of the household or small hotel.

No. 2.—Rolls, 24x3½ inches ...... Each \$ 10.00

One in a case.

# ASBESTOS SAD IRONS

LAUNDRY SETS



Laundry set. Two 7 lb. and one 6 lb., double pointed cores or irons. With asbestos lined hood and stand ....... Per dozen sets \$ 24.00 One set in a box; six sets in a crate.

No. 71 .- Hood only. Fits any core in sets Nos. 70 or 100 ..... Per dozen \$ 10.40

### SLEEVE





No. 40 No. 50 4 lb. core with asbestos lined. No. 50 .-Flounce. ... Per dozen \$ 10.00 hood. Each in carton. -Sleeve. 3 lb. core with asbestos lined hood and stand. Each in carton. Dozen One-half dozen in a case.

### BABY FLOUNCE

### TOURIST





No. 410.—Baby flounce. 1½ lb. core with asbestos lined hood. Each in carton . . . . . Per dozen \$ 4.00 No. 10.—Tourist. 1½ lb. core with asbestos lined hood and stand. Each in carton . . . Per dozen \$ 4.00 One dozen in a case.



neat automatically A-best-o auto-control electric. controlled and current shut off at desired temperature ranging from 200 to 600 degrees. Handle protected from heat and iron finely nickeled. With 7 feet of cord and stand.

..... Each \$ 6.50 No. 650.—-A-best-o. One in a box.

LAUNDRY SETS



and two 7 lb. double pointed cores or irons. No. 100 .- Laundry set. With asbestos lined hood and stand. Per dozen sets One set in a box; six sets in a crate.

## HOUSEHOLD SET



-Household set. Two 7 fb double pointed No. 196. cores; one 9 lb. square heeled core; one 21/2 lb. sleeve core; one 4 lb. flounce core and one 3 lb. polishing core. Complete with two asbestos 

### FAMILY CABINET

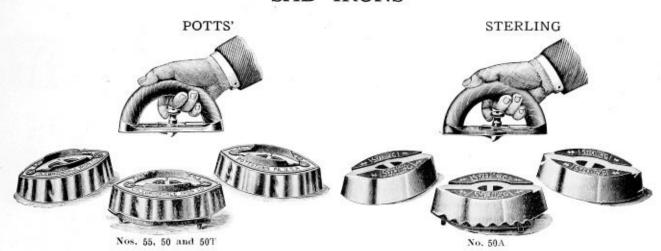


No. 570 .- Family cabinet. Three laundry one No. 40 sleeve iron; one No. 52 flounce core; one No. 10 Tourist iron. Three stands and one waxer. All packed in a hardwood cabinet nicely finished and finely trimmed. Makes a com-plete ironing outfit. One set in a case..... Each \$ 5.00

STERUNG BRAND FOR QUALITY STANDS"



# SAD IRONS



No. 55. -Potts'. Polished, Japanned top. Set consists of three irons, handle and stand ...... Per set \$ 1.50 No. 50. —Potts'. Nickel-plated, Japanned top. Set consists of three irons, handle and stand.

No. 50T.—Potts'. Nickel-plated, Tinned top. Set consists of three irons, handle and stand.

No. 50A.—Sterling. Nickel-plated, extra fine finish. Set consists of three irons, handle and stand.... Six sets in a case.



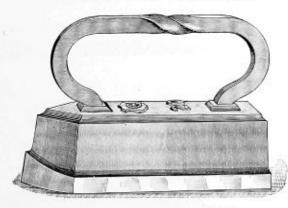
### OBER NICKEL PLATED





Common.—Plain polished face. Weights 5, 6, 7, 8 or 9 pounds ........ .08 Ober .- Nickel-plated. Tops and handles aluminum finish. The circular handle makes it much easier for the hand as well as adding greatly to the general appearance of the iron. Weights 5, 6, 7, 8 and 9 lbs. Per lb. .10 No. 92.—Girls'. Double pointed, one end rounded. Black walnut detachable handle. Nickel-plated body and bronzed top. With stand. Weight complete 11/4 pounds each. Each in carton ........... Per dozen

# TAILOR'S GEESE



Slightly beveled edge, true turned face, very highly polished. Large and roomy handle. Designed for Tail-

ors use, for pre		garme	mus, cr	oun, et	Acres .		
Nos	12	14	16	18	20	22	24
Pounds, each	12	14	16	18	20	22	24
Per 1b	.12	.12	.12	.12	.12	.12	.12

# PRESSING IRONS



Plain polished. Turned face and beveled edge. signed for pressing cloth, garments, etc. D A Pounds, each ..... 11 20

-12

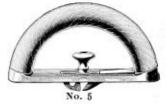
.12

"STERUNG BRAND FOR QUALITY STANDS"

Per 1b. .....\$ .12

# SAD IRON HANDLES







No. 20 .- Sterling. Selected wood. Tinned stretcher. Steel spring. Guaranteed not to break. Finely finished. .......Per dozen \$ 2.40 1.50 1.50



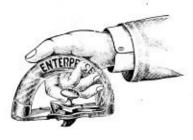




No. 100 No. 50 No. 100.—Neverbreak. All steel stretcher and handle, neatly Japanned. Steel spring, riveted. Each in carton. Per dozen

-Universal. Steel stretcher and sides. Black enameled wood handle. With patent locking device

- Per dozen \$ 1.70 -Universal. 1.80 1.60 One-half dozen in a package.





No. 200

No. B10 No. B10.—Enterprise Best. Forged stretcher, tinned. wood handle Per dozen \$ 4.00 wire side rest making combination handle and stand. .... Per dozen Selected wood handle ..... One-fourth dozen in a package.

### SAD IRON STANDS



No. 075 .- Sad iron stands. Japanned, smooth finish. Per dozen ..... \$ 1.36 One-half dozen in a package.

### SAD IRON HEATERS



No. 12 .- Round, 12 in. in diameter. Plain finish. For use on hot plates or ranges. .... Per dozen \$ 6.00 One-half dozen in a package.



Dome .- Plain finish. Holds any shape iron, 3 at a time. For use on hot plates or ranges. One-half dozen in a package. Per dozen.. \$ 6.00

### PINKING IRONS



Pinking Irons. Oval pattern. Diamond Teeth. Inch Per dozen ....\$ 1.50 1.50 1.50 1.50 One dozen in a box.

### TRACING WHEELS



No. 1 .- Tracing wheels. Enameled handle. Steel wheel. Polished ..... Per dozen \$ .80 One dozen in a box.



# CLOTHES LINES





(STERCON SPECIAL) EXTRA HEAVY BRAIDED COTTON CLOTHES LINES Logan Gregg Hardware Co



Sterling Special. Solid braided cotton. Large diameter and extra heavy weight. An extra quality line. ..... Per dozen \$ 8.00 No. 750.—75 feet ...

One dozen in a package.

### STERLING



STERLING BRAIDED COTTON CLOTHES LINES



Sterling. Solid braided cotton. Heavy	weight.	A high	grade	line.
Nos	50	75		100
Length, feet		75		100
Per dozen\$	4.00	6.00		8.00
One dozen in a p	ackage.			

### ORION



ORION COTTON CLOTHES LINES Legan Gregg Hardware G

rion. Twisted cotton		line.	
Nos.	050	075	0100
Length, feet	50	75	100
Per dozen\$		4-00	5.40
One dozen in a	package.		

### JUTE

Toulated estion



			Selected quant		
Nos				72	90
Length, feet				72	90
Per dozen				2.40	3.00
	0	ne dozen i	n a bundle.		

### PURITAN

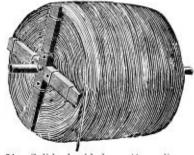


	tan. Dark				
Nos				P50	P75
Length, feet				50	75
Per dozen				.\$ 2.00	3.00
	One doz	en in a	package.		

# CLOTHES LINE REELS

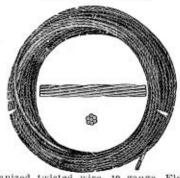


No. 1.—Cast iron. Arranged with iron top to cover post to which the axle is attached. Nut holds the revolving iron in place ...... Each \$ 1.60



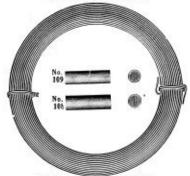
No. 24.—Solid braided cotton About 1/4 inch diameter. On reels containing 2400 feet. Continuous length—enables dealer to furnish any length of clothes line in a sin-Per reel \$ 16.00 Sold only in full reels. gle piece

### TWISTED WIRE



Galvanized twisted wire, 19 gauge. Flexible. No. 119.—100 feet long ..... Per dozen \$ 4.00 No. 159.—150 feet long .....

### SOLID WIRE



Galvanized solid wire. No. 109.-100 feet long, No. 9 wire. Per dozen .... \$ 6.00 -100 feet long, No. 8 wire Per dozen ..... 7.00

### STONE'S PATENT



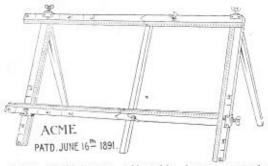
No. 17.—Stone's patent. About  $\frac{\pi}{16}$  inch in diameter. 100 feet long. Twisted ribbon center covered by twisted galvanized wire. Light and flexible ...... Per dozen \$ 8.00

# OTHES LINE PROPS



Malin.-8 feet long, 11/4 in. wide, 1 in. thick. Malleable iron, Japanned ends. Kiln dried stock, free from knots and ...... Per dozen \$ 4.00 sanded smooth ...

# **CURTAIN STRETCHERS**



Acme. Solid square adjustable frame. 12x6 feet, scaled bars. With easel and can be adjusted after putting on the curtains. Brass pins.

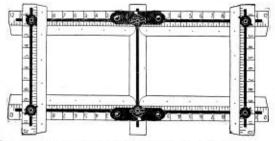
No. 12.—Solid pins 1 inch apart ..... Per dozen\$ 22.50

No. 15.—Adjustable pins ..... " 24.75

One-twelfth dozen in a bundle.

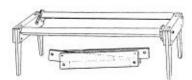


Excelsior.—Adjustable frame, about 12x6 feet, stands up as an easel, no sagging in the middle. With brass pins ........... Per dozen \$ 15.00 One-twelfth dozen in a bundle.

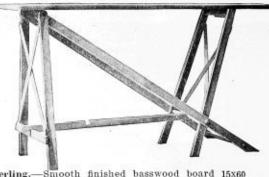


Orion.—Smooth basswood frame 1¾ in. wide.
Size 6x12 feet. Duplex steel hinge and
easel. Bars slotted and furnished with
thumb bolts. Nickel-plated brass stationary pins 2 inches apart. ..Per dozen \$ 15.00
One-fourth dozen in a bundle.

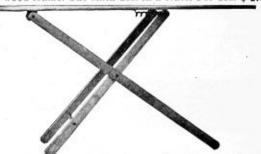
# QUILTING FRAMES



IRONING TABLES



Sterling.—Smooth finished basswood board 15x60 in. Height, 32 in. Very firm and rigid hardwood frame. One-sixth doz. in a crate. Per doz. \$ 27.00



Crescent.—Basswood board 15x60 in. Hardwood frame. Adjustable to different heights by means of double iron ratchet. .... Per dozen \$ 18.00 One-sixth dozen in a bundle.



Orion.—Basswood board 15x60 in. Hardwood frame. Adjustable to two different heights spread being controlled by notched stick. One-sixth dozen in a bundle. Per dozen ..... \$ 15.00

# SKIRT BOARDS



Basswood, smoothly sanded. Rounded edges.

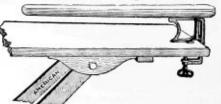
No. 4½.—4½ ft. long; 11 to 7 in. wide ... Per dozen \$ 8.25

No. 5. —5 ft. long; 12 to 8 in. wide ... " 9.75

No. 5½.—5½ ft. long; 13 to 9 in. wide ... " 11.25

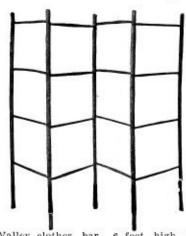
One-half dozen in a crate.

# SLEEVE BOARDS



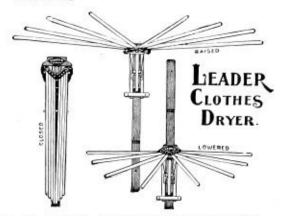


# CLOTHES BARS





No. 12.—Detroit. Made of smooth finished basswood. When open stands 5 feet high. Has 15-36 inch rods, giving 45 ft. of drying surface. Extra strong and very compact.....Per dozen \$ 13.50 One-fourth dozen in a bundle.



No. 450.—Leader. Elevating clothes dryer. Strong and well built throughout. 8 arms each 30 in. long made of hardwood and smoothly finished on all sides. This gives 20 ft. of drying surface. Attaches to the wall and can be raised or lowered as shown in illustration......Per dozen \$ 6.75

Two dozen in a crate.



No. 100.—Umbrella. Hard wood, with Japanned castings, height when open, 45 in., and having 32 feet of drying space. Closes into a bundle 6 x36 in. Per dozen \$ 18.00

One-half dozen in a bundle.

# CLOTHES PINS



No. 3.—Putnam clothes pins. Hardwood with galvanized steel wire spring. Length 3 inches. Do not rust, slit, break or blow off the line. In cartons containing one-fourth gross each. Per gross



Common Clothes Pins, length 41/2 inches.

# MOP WRINGERS AND MOPS

EAGLE







Standard.

Eagle. Will wring any kind of mop-cotton, twine or cloth, and the cords will not become entangled with any of the springs, guide plates or working parts. Pails made of white cedar with electric welded hoops. rough usage. Domestic.—Holds 10 quarts. Suitable for household use. Per dozen \$ 18.00 Standard.—Holds 14 quarts. Suitable for general use 20.25 Janitors. —Holds 22 quarts. Suitable for hotels, stations, or public buildings 27.00

One-third dozen in a crate.

### WHITE'S









White. Wood lever. Strong and substantial. Powerful pressure on mop. Suitable for various sizes of mops. the most useful pattern by many users 27.00

One-third dozen in a crate.

STERLING MOPS



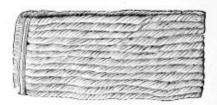
Sterling. High grade cotton yarn. Guaranteed full weight. Long handle. One-half dozen in a bundle.

Nos. 12 16 18 20 24 30 32

Weight, oz. 12 16 18 20 24 30 32

Per dozen \$ 3.38 4.88 5.40 6.00 7.12 9.00 9.75 Mops cut extra long or of thin yarn or with extra long handles can be furnished promptly. Write for special prices.

### MOP HEADS



Keystone. Mop heads only. Weight 16 ounces each. No. 016 .- 16 ounces each (No handles) Per dozen \$ 3.00 One dozen in a bundle.

MOP STICKS



No. 5 .- Mop and brush holder combined. Extra heavy castings, coppered. Length over all 4 feet. Stained handle ..... . Per dozen \$ 1.75 One dozen in a bundle.



No. 8 .- Mop holder, quick adjustment. Stee! head and spiral spring, tinned. Red polished handle. Length 4 feet over all ...... Per dozen \$ 1.88

One dozen in a bundle.



# CHAMOIS SKINS







Double dressed, oil tanned chamois skins. Guaranteed washable. Each skin in sealed package—from manufacturer to user without rehandling. In display box.

Nos.	10	25R	50
Retail value, each §	-10	-25	.50
Per dozen\$	1.20	3.00	6.00
One dozen in d	lisplay b	ox	

		ots Skins		nd trimr	ned.	
Nos	221/2	23	24	241/2		26
Size, in.						19×25
Per doz.						9.00
C	hamois 8	kins. D	ouble di	ressed. (	larriage.	
Nos				Т	D	TB
Size, inc	hes	coordination	VICE-2004000	163	×26	20x32
Per doze	en		******	\$ 10	-50	15.00
	One	kip (21/2	dozen)	in a box	Χ.	

# **SPONGES**



No. 500.—Assortment containing 68 best grade bleached grass sponges. Assorted to retail from 5 to 25c. Retail value about \$7.00. In display case. , ...... Per case \$ 7.00 No. 750.—Assortment containing 56 bleached velvet bath sponges of medium price and good quality. Assorted to retail from 10 to 35c. Retail value \$10.00. In display case. Per case ...... \$ 10.00

No. 850.—Assortment containing 59 unbleached sheep wool carriage sponges, all forms. Assorted to retail from 10 to 35c. Retail value about \$10.50. In display case. .... Per case ...... \$ 10.50

No. 950.—Assortment containing 60 finest bleached sheepwool sponges. Finest grade of bath sponge, all round full shaped forms. Assorted to retail from 10 to 50c. Retail value about \$12.50. In display case ...... Per case

Above assortments packed in neat display case made of good lumber, handsomely stained imitation mahogany finish. transparent cover, brass hooks and hinges. Dustproof-the sponges are kept in good shape.

Painters' Scrubbing or Cleaning Sponges. No. 200 .- Florida Yellow. About 10 to the pound. .. Per Tb. \$ 3.00 No. 450 .- Cuban Sheep Wool. About 4 to 6 to the pound. Per pound 6.75 In sacks containing 5 to 10 pounds,

# WINDOW CLEANERS



Bosley. Pure rubber. Galvanized iron,	Japanned	socket.
Nos 12	14	16
Width, inches 12	14	16
Per dozen\$3.60	4.00	5.00
One dozen in a box.		

# FLOOR SCRUBBERS



Ash block, 1 inch; rubber 1/4 inch thick; handles 41/3 feet long. A useful article for scrubbing and cleansing floors and sidewalks.

16	18
8.00	9.00

One-half dozen in a bundle.

# STEP LADDERS

### STERLING

Sterling. Made of wide and heavy material. Truss rod under each step —a block being inserted under the step and above the rod. This prevents the steps from loosening and the sides from spreading. A strictly high grade ladder. When the nuts are turned up on the rods, it is as one piece. Both leg and step sections are thoroughly well braced. Double flanged steel hinge brackets riveted to tops and sides. Angle iron folding lock brace. With pail shelf.



Showing Sterling Features.

Nos	3	4	5	6	7	-8	10	12	14
Feet	3	4	5	6	7	8	10	12	14
Each					2.80	3-20	4.00	6.00	7.00

### CRESCENT

Crescent. Hardwood girder or truss under each step, its ends passing through the slits in the sides and nailed therein to prevent spreading. In addition to supporting the step the girder serves as a brace to the whole ladder. Fitted with folding angle iron lock brace—very stiff and efficient. Double flanged steel hinge cleats riveted to top and sides. A very substantial ladder at a medium price. With pail shelf.



Showing Crescent Features.

Nos	13	14	15	16	17	18	110	112
Feet	3	4	5	6	7	8	10	12
Each	\$ -90	1-20	1.50	1.80	2.10	2.40	3.00	4.00



Orion. Well made from clear yellow pine. Sides 2¾ inches; steps 3¾ in.; tops 5¾ in. Put together with cement coated nails and rivets. Fitted with flanged hinge cleat made from No. 20 gauge steel and riveted to top and sides. All sizes except No. 23 furnished with folding pail shelf. A popular priced ladder—good value for the money.



Showing Orion Features

Nos	23	24	25	26	27	28
Feet	3	4	5	6	7	8
Each\$	.60	-80	1.00	1.20	1.40	1.60





# LADDERS

### STRAIGHT

### WINDLASS EXTENSION

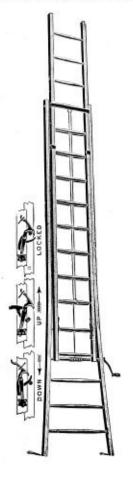


Sterling Straight single ladders. Standard construction. 14½ inches wide at the top; 20 to 36 inches wide at the bottom. The sides are of Southern pine 2¾ inches wide, 1¾ inches, and bored to save all the strength of the timber. The rungs are regularly made of beech, 1½ inches full in diameter and soaked in hot oil to preserve and strengthen. Blind tenons are used to save the strength of the sides and to preserve the ends of the rungs from the weather. Natural color or stained yellow.

No.	12L.—12	feet	 Each	\$ 3.00
No.	14L.—14	feet	 "	3.50
No.	16L.—16	feet	 	4.00
No.	18L.—18	feet	 46	6.00
No.	20L20	feet	44	7.00

Sterling Extension Ladders. Sides of Southern pine 2¾ x1¾ inches. Hardwood rungs, soaked in oil. Provided with double roller top irons—the upper section of the ladder is raised and lowered by rope and pulley with windlass. Self-locking hook. Instead of being bolted or screwed to the sides one of the rungs passes through it—cannot become unfastened and lost. Finished in natural wood or stained yellow.

												*****
No.	28.—28	ft.	2	sections,	each	14	ft.,	extends	to	25	ft.	\$ 10.00
No.	3232	ft.	2	sections,	each	16	ft.,	extends	to	29	ft.	12.00
No.	3636	ft.	2	sections,	each	18	ft.,	extends	to	33	ft.	14-00
No.	4040	ft.	2	sections,	each	20	ft.,	extends	to	37	ft.	17.00

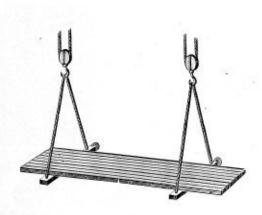


PAINTERS' STEP LADDERS











Painters' step ladders. Fold flat and thin. Steps have iron braces and straps. Well made from good materials to stand severe and constant service. In heights from 4 to 12 feet. Not carried in stock. Prices upon application.

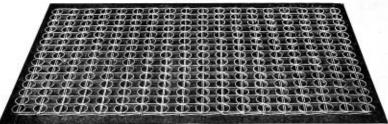
Painters' stage or scaffold. Southern pine sides and slats; beechwood rods, 11/8-inch, oiled and tested. Strong and light. Cross bars with rollers supplied for stages. Any length or width. Not carried in stock. Prices upon application.

Painters' Trestles. Southern pine sides; beechwood rungs, oiled and tested. Hinged with heavy wrought iron eye bolts. Made in all sizes. Not carried in stock. Prices upon application.



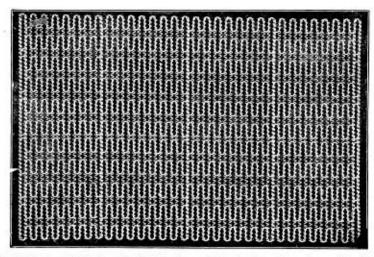
# DOOR MATS

STEEL



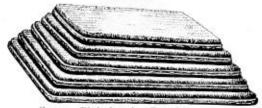
Glen Steel Folding. Made of flat galvanized steel strips. A perfect scraper, does not curl up at the corners. Conforms to uneven surfaces and is easily cleaned. Flexible, reversible and sanitary. Will not mar tile, marble, wood or lineleum. A steel mat that folds up as well as rolls up. One in a bundle.

Nos		3	4	5	6	8	9.
Size, inches Per dozen	15×23½	18×30 2.00	22×36 3.00	25×48 4-50	30×48 5-25	36×60 8.00	36x73 10.00
		WIRE					

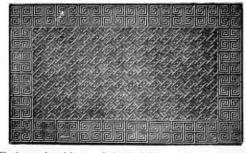


Standard steel wire folding. Made of galvanized wire, with twisted ends; always lies flat. Light and compact. Folds on hinge joints. One in a package.

Nos. Size, inches Each	16X24	03 18×30 1.50	03½ 22x30 2.00	04 22×36 2.25
COCOA		BBER	2.00	2.20



Cocoa. Plain brush. Regular grade. 1C 2C 3C 4C 5C 16x27 18×30 20x33 22x36 12.00 15.00 18.75



Embossed rubber, 3/2-inch thick. Adapted for inside entrances. Three in a package.

Nos	1A	2A	3A	4A	5A	6A
Size, inches	15×30	18×30	21x30	18x36	21x36	24x36
Each	\$ 2.25	2.50	2.90	3.00	3.50	4.00





### FOOT SCRAPERS





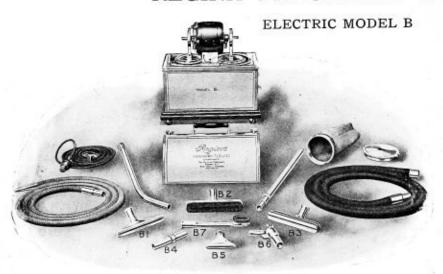
# CARPET BEATERS CARPET STRETCHERS -Wonder. Heavy coppered spring wire, doubled. Four ends of wire enter the handle, one going clear through. Smooth finished handle and ferrule. Length 30 inches ...... Per dozen \$ 1.60 Bullard.—Japanned malleable iron frame and claw. Japanned steel lever. Hardwood handle. 4-inch blade. Holds carpet for tacking.....Per dozen \$ 8.00 One-half dozen in a box. No. 3.—Gem. Coppered spring wire, double loop. Twisted shank running through the handle and with loop ends. Length 33 inches .... Per dozen \$ 1.70 King .- 12-inch wood stretching bar. Malleable ratchet rod and handle. Easily operated. Per doz. \$ 8.00 1-12 dozen in a box. No. 4 .- Braided wire. Made by braiding 3 wires together flatwise, giving it a broad open surface. Wires doubled and babbited as well as riveted to wood handle. Length 29 inches ... Per dozen \$ 1.80 No. 175. Justright. Heavy coppered wire. Double braced bent shank. Raised handle protects the hand. Will not break or pull out at handle as the wires pass through and are clinched. Length 30 inches...... ... Per dozen \$ 2.00 No. 10.—Holt's. Tinned wire with head 101/2x15 in. Twisted wire in and through the handle. Can't come off. Length 35 inches............Per dozen \$ 3.50 namanana. No. 200 .- Crescent. 24 light wires closely twisted No. 1.—Stand Up. Japanned, malleable iron frame and claw. Stained wood handle. Height over and looped. A very flexible, yet compact beater securely fastened in hardwood handle. Length

.....Per dozen \$ 4.00 all 32 inches. Saves the back, knees and fingers.
One-twelfth dozen in a box.......Per dozen \$ 18.00

SIERUNG BRAND FOR QUALITY STANDS"



# REGINA PNEUMATIC CLEANERS





Regina Model B. With electric motor. Contains two separate diaphrams or pumps which are operated by a quiet easy running powerful electric motor. These work alternately, each pumping air on the upward stroke, the result being a continuous suction of great power. Eccentrics operating pumps run in ball bearings, reducing friction. The dust bag is large to overcome the necessity of frequent emptying, is easily removed, and being placed beneath

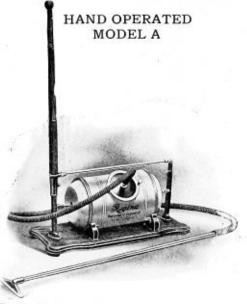
the pumps prevents dust or dirt getting to the mechanism. Extremely simple in construction and all parts interchangeable. Handsomely finished throughout. All component parts strong and durable. Weight 47 pounds and mounted on casters. Guaranteed to do perfect work. In ordering specify the current (alternating or direct) the voltage and cycles. Regina Model B.—With attachment B1 for carpet cleaning.

Regina Model B.—Complete with all attachments.

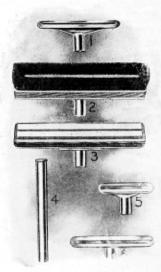
Extra Attachments.

Extra Attachments

Extra Attac	chments.
No. B2 9-inch brush for walls, ceilings, etc. Each \$ 3.00	No. B5 4-inch drapery and curtain tool Each \$ 1.35
No. B3.—9-inch floor tool, faced with felt " 2.00	No. B6 Universal joint. Holds any position. " 1.60
No. B4Tool for cleaning tufted furniture, cor-	No. B7.—Clothing and hat brush " 2.75
ners, etc Each .90	No. B8.—Blowing hose cloth cov 10 ft long " 400
No. B28.—Attachments B2, B3, B4, B5, B6, B7 and B8 as above	e described Per set (7 tools) 9 15 00
No. B1.—Standard 9-inch floor tool. Furnished with each cle	aner. When purchased separately Each \$ 1.85



### ATTACHMENTS FOR MODEL A





# CARPET SWEEPERS



Universal Cyco bearing. Light and dark finishes of popular cabinet woods. Latest improvements. Both dust-pans dump at one operation.

No. 22.—Universal. Japanned trimmings. Per doz. \$ 44.00 No. 23.—Universal. Nickeled trimmings. " 48.00



Elite Cyco ball bearing. Beautifully curved—not beveled sides, finest hand polished finish. All metal parts heavily nickel-plated. Contains all the Bissell improvements. Each pan dumps separately.

No. 31.—Elite. Nickeled trimmings....Per dozen \$ 62.00



Grand Rapids Cyco ball bearing. The most popular sweeper ever produced. Assorted staple cabinet woods. All the latest Bissell improvements. Both dustpans dump at one operation.

No. 24.—Grand Rapids. Japanned trim. Per doz. \$ 48.00 No. 26.—Grand Rapids. Nickeled trim. " 52.00



Parlor Queen Cyco ball bearing. Constructed of imported wood veneers, given the best hand polished piano finish. Metal parts unusually attractive in design and heavily nickeled. Each pan dumps separately. This sweeper represents the Acme of Perfection in sweeper construction.

No. 32 .- Parlor Queen. Nickeled trim. Per doz. \$ 64.00



Ideal Cyco ball bearing. Made in fancy veneers, hand polished finish. Trimmings are full nickeled. Fitted with all the Bissell improvements, including ball bearings.

No. 27.—Ideal. Nickeled trimmings....Per dozen \$ 54.00



Improved Grand Cyco ball bearing. For general use in all private or public buildings. 161/4 inches long—about 20 per cent greater sweeping capacity than ordinary sweeper. Finished in golden oak with nickel trimmings. Ball bearings and all the latest Bissell improvements. Each pan dumps separately.

No. 38 .- Improved Grand. Nickeled trim. Per doz. \$ 76.00

Bissell sweepers are carefully and accurately made by expert cabinet workers. Only high grade woods used—the finish and trimmings are beautiful. Easy running and efficient. Each sweeper carefully papered. One dozen in a case.



# **BROOMS**

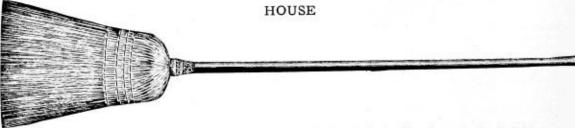
### STABLE OR MILL



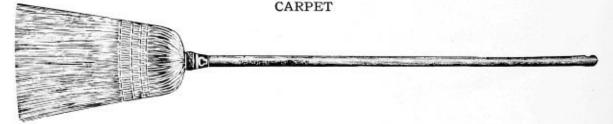


All bamboo fibre. Uniform in size, and has splendid wearing qualities, the material being tough, elastic and durable. For heavy sweeping is equal and often superior to broom corn. Not affected by heat or dampness, and can be used in water. In patent steel case.

Selected grade heavy mill corn. Thoroughly cleansed. An ideal mill broom. Metal case.



Hurl house. Made from best material. Corn properly sized and thoroughly cleansed. Lock finish. 2 3 4 5 31 Weight, pounds ..... 23 25 27 29 6.00 6.50 7.00 7.50 8.00



 Carpet brooms.
 Extra velvet finish.
 Made from high grade material, the stock being properly sized and cleansed.

 Nos.
 2C
 3C
 4C
 5C

 Weight, pounds
 26
 28
 30
 32

 Per dozen
 \$ 7.50
 8.00
 8.50
 9.00

 One dozen in a bundle.



# PUSH BROOMS

### RATTAN



Standard rattan push brooms. Solid block. Stiff stock. Good for street or stable use. Price does not include handles.

No.	754.—12	inch	4	row		Per	dozen	S	9.00
No.	755.—14	inch	4	row			44	-	10.00
No.	856 16	inch	5	row			4.4		11.00
					en in a bundle				

Handles for above ...... Per dozen \$ 1.20

### BAMBOO AND BASS



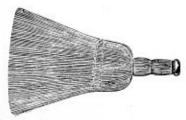
Bamboo push brooms. Solid stock. Stock averages 6 inches in length. Price does not include handles.

			\$ 7.50
			8.00
No. 852.—16		en in a bundle.	9.00

No.	650	-12	inch	4	row	Per dozen \$	11.00
							12.00
No.	652	-16	inch	5	row		13.00
			C	n	e doz	en in a bundle.	

Handles for above ...... Per dozen \$ 1.20

### WHISKS



No. 1.—Standard whisk. Well sewed. Standard stock. Length of broom 8 inches. Length over all 11 inches. Per dozen \$ 2.00

One dozen in a bundle.

### TOY BROOMS



# WIRE BRUSHES

### BUTCHER BLOCK

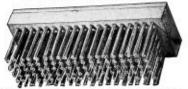


No. 85.—Solid block. Two handles. Made of heavy flat tempered steel wire. 6x12 rows, block 17½ inches long over all, wire 2¼ inches long. Each \$ 1.00



No. 432.—Solid block. Made of flat tempered steel wire. 5x10 rows, wire 1½ inches long, block 734x234 inches heavy........... Per dozen \$ 4.80

### PAINTER'S SCRUB



### CURVED BACK SCRATCH



### HAND SCRATCH





All wire brushes, one dozen in a box.

# SCRUB BRUSHES



No. 100.—Solid back. Flat face. Length 8¾ inches. 5 rows. White Tampico center, two rows gray on ends. Per dozen \$ 1.60

One dozen in a bundle.



No. 102.—Solid back. Waxed and highly polished beveled blocks. Flat face. Length 9½ inches. 5 rows. White Tampico with solid gray ends. Extra quality stock and workmanship. Per dozen \$ 2.00 One dozen in a box.



No. 150.—Solid back. Polished block, hub shape.
Flat face. Length of face 9½ inches. 5 rows.
Extra grade, all white Tampico......Per dozen \$ 1.80
One dozen in a box.



SOLID BALK



One dozen in a bundle.



No. 202.—Solid back. Sanded block. Flat face. Length 10 inches. 4 rows. Extra grade Rice Root. An extra quality brush throughout....Per dozen \$ 2.40

One dozen in a bundle.



No. 250.—Solid back. Polished block, hub shape. Flat face. Length of face 10 inches. 5 rows. Extra quality Rice Root. A very popular shape and well made brush throughout. ... Per dozen \$ 2.40

One dozen in a box.







No. 340.—Solid back. Polished and varnished block, square shape. Flat face. Length of face 91/2 inches. 5 rows. Extra quality pure Palmetto. Per dozen

One dozen in a box.



One dozen in a bundle.



# BRUSHES

### NAIL OR HAND







No. 6714 .- Nail or hand brush assortment. Consisting of one dozen solid back waxed and polished block brushes, 4 each of the patterns illustrated. About 5 inches long. All white Tampico. High grade stock, will not mat down. Packed in neat carton...... Per assortment \$ .80

KITCHEN BUTTE OF



SINK



MILK BOTTLE

No. 90

No. 36

No. 76.—Solid back. Length of block 4 inches. All white Tampico. A handy brush for kitchen use. A good vegetable brush. ..... ..... Per dozen \$ One dozen in a package.

No. 90 .- Varnished block and hardwood handle in one piece. Length 11 inches. Width 25% inches. Extra quality One dozen in a box.

One dozen in a package.

### SINK AND DAIRY



No. 13.—Solid back. Waxed and highly blocks. Flaring ends. 61/4 inches long, 25/8 inches wide. Extra quality white Tampico. Useful about the farm or dairy for scrubbing milk cans, etc. Also will be found very useful about the sink and for outside scrubbing. One of the best general purpose brushes on the market. Per dozen ......

. . . . . . . . . . . . \$ 2-40 One dozen in a box.



-Alderney milk can brush. Solid hardwood block. Highly polished and waxed. Grooves for finger grips on side. Extra quality pure Palmetto. Made with flare on wings almost at right angles to end of block. A very full brush. The most approved style for creamery and dairy use. Nothing better on the market for this purpose. Per dozen ..... . . . . . . . . . . \$ 4.00

One dozen in a box.



No. 77 .- Cataract. Black horse hair. Tin reservoir back, enameled green. The reservoir fills itself at every immersion thereby saving labor. The cut shows the inside of the reservoir with receptacle for handle which insures additional strength and prevents water running down. Diameter of face of brush 7 inches. Complete Per dozen \$ 12.00 with handle One-half dozen in a box.



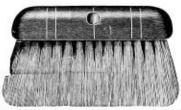
No. 600 .- Pacific pattern. Black horse hair with plain wood block. Very full brush, with flaring sides. Complete with handle.........Per dozen \$ 15.00 One-half dozen in a box.



Best quality black horse hair. Copper wire fastened. Can't come out. 5 inch block. Very full brush

No. 60.—Without handle ...... Per dozen \$ 14.40 No. 060 .-- With 6 foot handle ......

One-half dozen in a box.



No. 50 .- Black horse hair. Oblong block. Without handle ...... Per dozen \$ 8.00

One-half dozen in a box.

"STERUNG BRAND FOR QUALITY STANDS"



# STOVE BRUSHES



No. 50.—Straight back, plain finish, block 9½ in. long. Mixed stock, white center, 4 rows. Dozen \$ 1.60 One-half dozen in a package.



No. 49.—Straight back, red finished, block 10½ in. long. Black selected stock, 5 rows. A well filled brush Per dozen \$ 2.09 One-half dozen in a package.







No. 55.—Curved end, Natural finish varnished block, 12 in. long. All black bristle, 5 rows. Very full brush and high grade ... Per dozen \$ 4.00 One-half dozen in a box.

# SHOE POLISHERS



No. 128.—Hardwood block, highly polished and varnished. 71/4 in. long. 6 rows black Chinese Bristle Per dozen \$ 4.00

One-half dozen in a box.





# SHOE BRUSHES







No. 2/0.—Natural finished and varnished block, 7 in. long. Selected black stock, 5 rows. Dozen \$ 2.00 One-half dozen in a box.





Buckeye.—Shoe brush assortment. Contains 12 bristle brushes of assorted sizes and styles, neatly finished. Every one a seller. Packed in neat wood display case ........... Per case \$ 4.00



# FLOOR BRUSHES



No. 28 .- Red stained block, highly polished. 14 in. Gray mixed stock. Especially for use with oil to prevent dust. Complete with handles to match. Two holes, threaded. An all around general purpose brush at a popular price. Each in dust proof carton ...... Per dozen \$ 12.00



Red stained block, highly polished. Two holes, threaded and with handles to match. Fine grade black horse hair. Wire drawn on rust-proof wire-stock guaranteed not to pull or drop out. A very desirable brush at a medium price. Each in dust-proof carton.

No. 124.—Block 14 inches long ...... Per dozen \$ 18.00 No. 126.-Block 16 inches long ....... 20.00



Maple hardwood block, polished and highly finished Two holes, threaded and with handles to match. Extra grade stiff dark gray horse hair. Drawn with rust proof wire by new process—stock will not come out. Back bolted on with rust-proof bolts. May be used with sweeping compounds as oil will not injure nor loosen the stock. Extra long stock and brush made very full. An ideal brush for use in offices, for janitors, etc. Each in dust-proof carton.

No. 84.—Block 14 inches long ....... Per dozen \$ 27.00 No. 86.—Block 16 inches long ...... 30.00 No. 88 .- Block 18 inches long 33.00



Oak block, natural finish and highly polished. Two holes, threaded and with handles to match. Highest grade imported Russia bristles. A heavy and well filled brush. Unequalled for use in schoolhouses, hotels and public buildings in general. The best brush that can he made. Each in dust-proof carton.

No. 204.—Block 14 inches long ...... Per dozen \$ 36.00 No. 206.—Block 16 inches long ...... 42.00 No. 208 .- Block 18 inches long ...... 48.00



No. 042 .- Red varnished block with handles to match. Equipped with adjustable sockets and reversible handles which enable user to readily adjust to the most convenient position. 16 in. Gray fibre mixed with fine steel wire. This construction prevents matting down and makes the brush do thorough work under all conditions. Each in dust proof carton. Dozen \$ 27.00

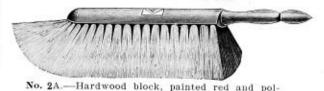
# COUNTER BRUSHES



No. 200 .- Solid bleck. Black Tampico stock, stapled in. A general purpose popular price counter or dusting brush ...... Per dozen \$ 2.40 One-half dozen in a box.



No. 2 .- Hardwood block. Wire drawn. All hair. Per dozen . . . . . . . . . . \$ 4.00 One-half dozen in a box.



ished. All bristle. Small ...... Per dozen \$ 6.00 No. 3A .- Hardwood block, painted red and polished. All bristle. Medium ...... Per dozen 8.00 No. 4A.—Hardwood block, painted red and pol-ished. All bristle. Large . . . . . Per dozen One-half dozen in a box. 10.00

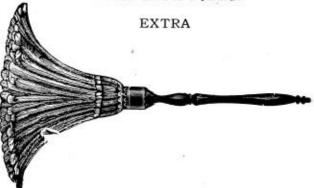
# FEATHER DUSTERS



Special grade. Full 90 count special grade turkey wing and tail feathers. Wood head. Detachable handle. Each in moth-proof paper bag.

No. 14.-14 inch ...... Per dozen \$ 8.00 No. 16 .- 16 inch

One-half dozen in a package.

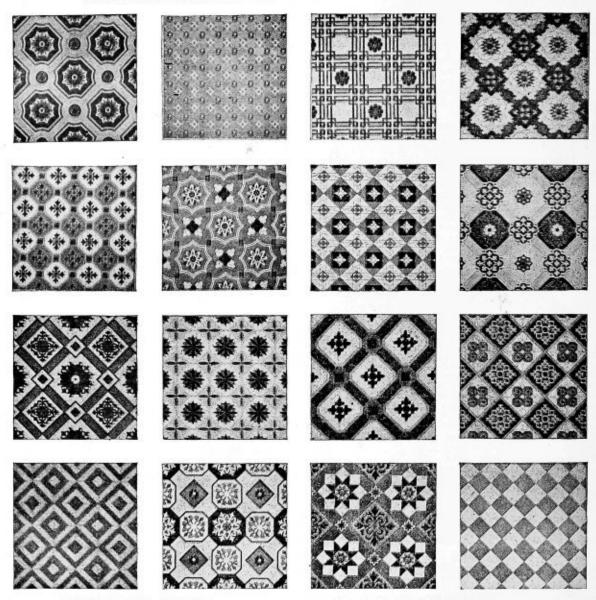


I. B. T. Grade. Full 120 count selected soft feathers-high grade. Extra large and full. Wood head. Detachable handle. Each in moth-proof paper bag. No. 116 .- 16 inch ...



# FLOOR OIL CLOTHS AND LINOLEUMS

SOLD ONLY IN FULL ROLLS CONTAINING ABOUT THIRTY LINEAL YARDS.



### FLOOR OIL CLOTH

### LINOLEUM

Star Grade.—Light weight. Filled back. Per sq. yd. \$.... Carried in stock in 4-4, 6-4, and 8-4.

E Grade.—Light weight ..... Per square yard \$ .... D Grade .- Medium weight . Carried in stock in 8-4 only.

4-4 = 1 yard. 6-4 = 1½ yards. 8-4 = 2 yards wide.

We change our line twice, a year which enables us to offer the trade at all times the latest patterns.

### OIL CLOTH BINDING

# 20111 0.1880. Zinc binding. Round hem with metallic corners. In packages of 4, 5, 6 and 8 yard coils. Complete with nails.

No.	4-4	 Per doz	. sets	\$ 2.40
No.	5-4	 6.6	14	3.00
No.	6-4	 **	44	3.60
No.	8-4	**	44	4.80

One dozen sets in a box.

## LINOLEUM BINDING



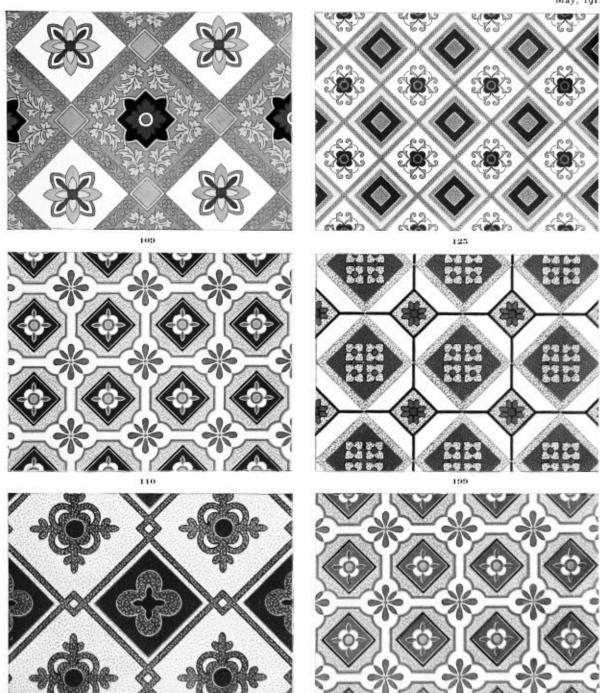
Brass linoleum or oil cloth binding. Made of No. 30 gauge brass % inch wide. Packed 50 yards in a box.

No. 54.—50 yards in a box ...... Per box \$ 7.50

Sold only in full boxes.

# FLOOR OILCLOTH

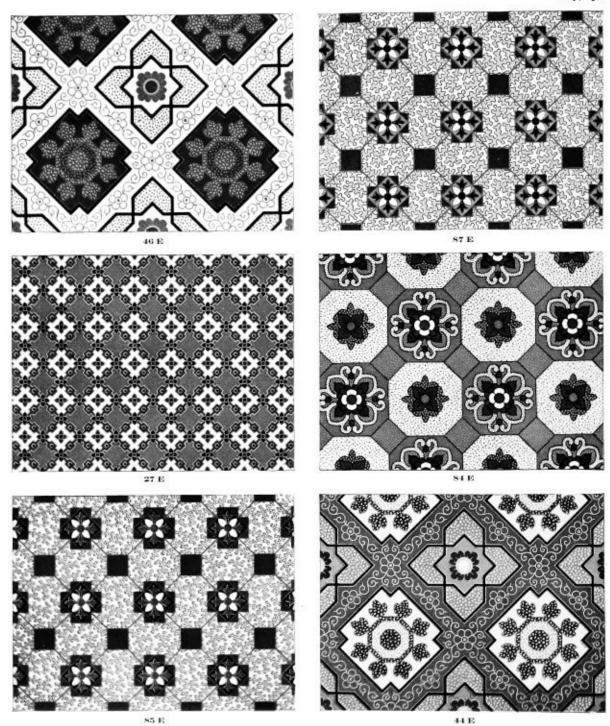
May, 1911



106

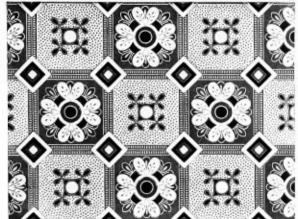
# LINOLEUM

May, 1911

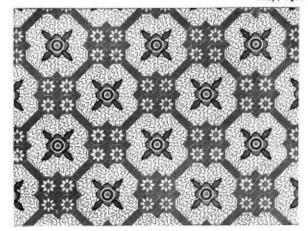


## LINOLEUM

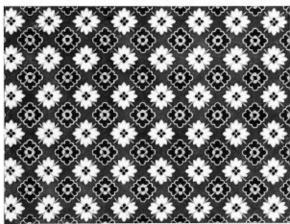
May, 1911







420 D



421 D



464 D



480 D

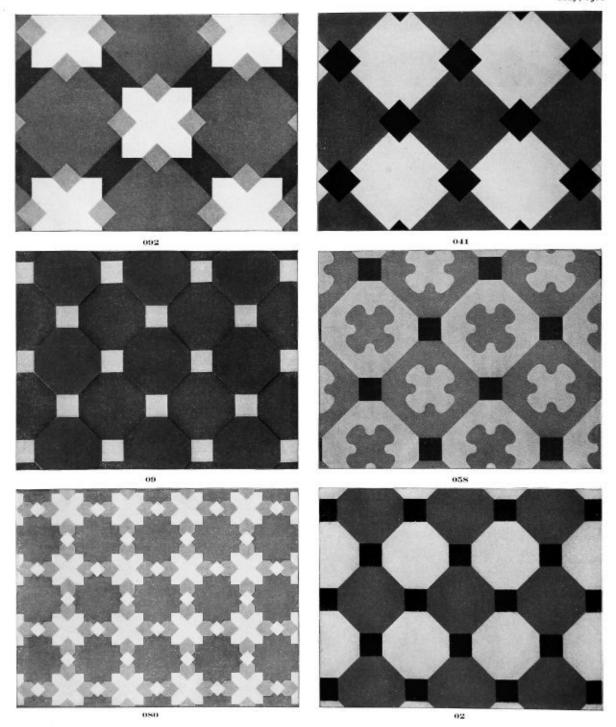


496 D



## INLAID LINOLEUM

May, 1911



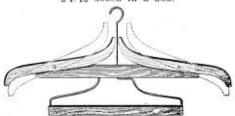


## GARMENT AND TROUSER HANGERS









## TROUSER



No. 08.—Up-to-date. Trouser and skirt hanger. Black enameled steel, length 11 in. With spring clasp. Per dozen \$ 1.50 One dozen in display box.



No. 60.—Canham skirt and trouser hanger. Wood clamps 6 in. long, felt lined. Heavy tinned wire hanger. Instantly fastened or released. Dozen \$ 1.50 2 1-12 dozen in a box.

## BRUSH HOOK OR TOWEL HOOK



No. 23.—Brush or bathroom hook. All brass, nickel plated. Fork hook holds shaving brush or towels. Complete with screws ...... Per dozen \$ 4.00

One dozen in a package.

## BATH ROOM HOOKS

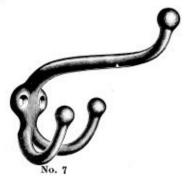








No. 1

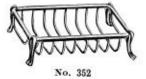


Cast brass. Polished and highly nickel-plated. Complete with screws to	to match.
No. 2.—Nickel-plated. Projection 2 inches	Per dozen \$ 2.00
No. 3.—Nickel-plated. Projection 21% inches	
No. 5.—Nickel-plated. Projection 3 inches. Extra heavy	" 3.00
No. 6.—Nickel-plated. Projection 1 inch. An ideal strop hook	
No. 1.—Nickel-plated. Projection 11/4 inches. Robe or toilet hook	" 1.50
No. 7.—Nickel-plated. Projection 2 inches. Extra heavy triple hook	" 4.00
Nos. 6 and 1, three dozen; others one dozen in a box.	



## STAND SOAP DISHES







No.	3.—Solid brass, n	ickel-plated.	3 X41/2	inches	Per	dozen	\$ 4.50	
				One dozen in a box.				
No.	352.—Solid brass, ni	ickel-plated.	31/4×43/4	inches	Per	dozen	9.00	
				One-half dozen in a box.				

One-half dozen in a box.





No. 354.—Solid brass rod, nickel-plated. Fitted with removable opal tray. 35/8x5 inches .......... Per dozen \$ 12.00 One-half dozen in a box.

No. 356 .- Solid brass tray, nickel-plated. Fitted with removable opal tray. 31/4x41/4 in. inside measurement of One-half dozen in a box.

## WALL SOAP DISHES







No. 31.—Solid brass, nickel-plated. 43/4x41/4 inches. With nickel-plated screws .............................. Per dozen \$ 2.50 One dozen in a box. 6.00 One dozen in a box.

No. 350.—Solid brass rod, nickel-plated. Square frame. Extends from wall. 43/4x31/4 in. With nickel-plated 9.00 One dozen in a box.







No. 371



No. 372

No. 37.—Solid brass, nickel-plated. Per dozen	With cast bracket and ring hook. $3x4\frac{1}{3}$ in.	With nickel-plated screws.
No. 371.—Solid brass, nickel-plated. plated screws	With drainer and cast bracket and ring hook	35%x5¼ in. With nickel- Per dozen 18.00
No. 372.—Solid brass, nickel-plated.	With removable opal tray and cast bracket an With nickel-plated screws	d ring book 31/y41/ in in-

One-half dozen in a box.

All bathroom fixtures shown on this page made of solid brass and heavily nickel-plated. Finely finished and every piece guaranteed. All complete ready for attaching.



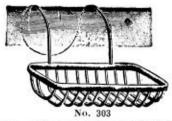


TUB SOAP DISHES





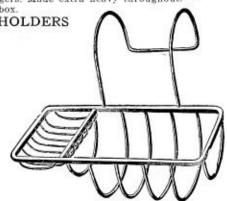
No. 300	140. 300	110. 40
No. 305 Solid brass, nickel-plated. 3	41/2 inches. With wire hangers	Per dozen \$ 5.50
No. 306.—Solid brass, nickel-plated. 35%;	51/4 inches. With wire hangers	
No. 43 Solid cast brass, nickel-plated.	41/2x31/2 inches. With wire han	gers " 9.00
Nos. 305 and 3	06, one dozen; No. 43, one-half do	zen in a box.



No. 30







No. 36.—Solid brass rod, nickel-plated. Square frame. 5x10 in.—3½ in. deep. With wire hangers. Combined soap and sponge holder. One-fourth dozen in a box. Per dozen... \$ 27.00

## TUMBLER AND SOAP HOLDERS



No. 637.—Solid brass, nickel-plated. Tray 3x4½ in. Tumbler holder and tray screwed to hanger. With nickel-plated screws.. Per dozen \$ 16.00 One-sixth dozen in a box.



No. 639.—Solid brass, nickel-plated. Tray 35%x5¼ in., with drainer. Tumbler holder screwed to hanger. With nickel-plated screws. Per dozen \$ 24.00 One-sixth dozen in a box.

All bathroom fixtures shown on this page made of solid brass and heavily nickel-plated. Finely finished and every piece guaranteed. All complete and ready for attaching.

"STERUNG BRAND FOR QUALITY STANDS"

## TUMBLER HOLDERS









	No. 67S	. No	o. 67B	No. 610	No. 650	
No.			ed bracket and stampe		nickel-plated screws.	8 4.50
	mary literature		One-half dozen in a			
No.					ate. With nickel-plated	6.50
No	ein _Solid brass	nickel-plated Cast	One-half dozen in a		bracket Per dozen	9.00
.10.	olo. —Sond brass,	meker-plated. Case	One-half dozen in a		practice Ter dozen	3.00
No.	650. —Solid brass,	nickel-plated. Cast l	oracket and ring hook. One-half dozen in a		bracket Per dozen	9.00

## TUMBLER AND TOOTH BRUSH HOLDERS









	•				
	No. 68	No. 68B	No. 630	No. 635	
No	. 68. —Solid brass, nickel-plate	<ol> <li>Holder screwed to bracket</li> </ol>	. Stamped wall plate.	Stamped brush holder.	
		One-half dozen in	a box.		8.00
No	- 68B.—Solid brass, nickel-plate Per dozen	l. Holder screwed to bracke	. Stamped wall plate.	Stamped brush holder.	9.00
		One-half dozen in	a box.		3.00
No	. 630. —Solid brass, nickel-plate plated screws	**************************		sh holder. With nickel- Per dozen	12.00
N.	COE Colid hunga minimal minted	One-half dozen in			
No	- 635.—Solid brass, nickel-plated. plated screws	One-half dozen in		sh hölder. With nickel- Per dozen	12.00

## TOOTH BRUSH HOLDERS



No. 152.—Solid brass, nickel-plated. Length 61/4 in. Holds 4 brushes. With nickel-plated screws ...... Per dozen § 3.00 One dozen in a box.



No. 154.—Solid brass, nickel-plated. Length 81/2 in. Holds ...... Per dozen \$ 4.00 6 brushes. With nickel-plated screws One dozen in a box.



No. 156 .- Solid brass, nickel-plated. Cast bracket and ring hook. Holds 6 brushes. With nickel-plated screws. Per dozen ... \$ 6.00

One dozen in a box.

## COMB AND BRUSH TRAYS



No. 130 .- Solid brass rod, nickel-plated, square frame. 9x31/2 in. With wire hangers. Per dozen \$ 18.00 Ône-half dozen in a box.



No. 133.—Solid cast brass, nickel-plated. 9x31/2 in. Per dozen ...... \$ 24-00

One-half dozen in a box.

All bathroom fixtures shown on this page made of solid brass and heavily nickel-plated. Finely finished and every piece guaranteed. All complete and ready for attaching.

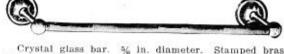




TOWEL BARS



Brass tubin Stamped bases.	g, nic	kel-plated nickel-pla	1/2 inc	h in o	diameter.
Nos. Length, in Per dozen	. 15 .\$6.00	4118 18 6.50 alf dozen i	4121 21 7.00	4124 24 8.00	4130 30 9.00



Crystal glass bar. 5% in diameter. Stamped nickel-plated posts. With nickel-plated screws.	brass
Nos.         5718           Length, inches         18	5724 24
Per dozen	15.00



Br	rass tubing, nickel-plated	5% in.	diameter.	Round
ends.	Stamped bases. With n	ickel-pla	ted screw	S.
Nos.		5118	5124	5130
Lengt	h, inches	18	24	30
Per d	ozen	\$10.00	13.00	15.00
	One-half dozen	in a boy		



ends. Stamped bases	cel-plate	d. ½ in. nickel-pl:	diameter. ated screv	Square
Nos Length, inches Per dozen\$	4318 18	4324 24 11.00	4330 30 13.00	4336 36 15.00
		in a bo		10.00



 Brass tubing, nickel-plated. Adjustable roller Tubing ¾ in. in diameter. Cast brass posts. With nickel-plated screws.

 Nos.
 6318
 6324

 Length, inches
 18
 24

One-fourth dozen in a box.

Per dozen ......\$27.00





6024 24
24.00



 Crystal glass bar. 1 in. diameter. Cast brass nickel-plated posts. With nickel-plated screws.

 Nos.
 8818
 8824
 8830

 Length, inches
 18
 24
 30

 Per dozen
 \$ 33.00
 42.00
 48.00

 One-twelfth dozen in a carton.



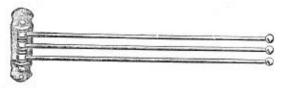
 Opal glass bar. 1 in. diameter. Cast brass nickel-plated posts. With nickel-plated screws.

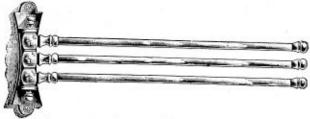
 Nos.
 8018
 8024
 8030

 Length, inches
 18
 24
 30

 Per dozen
 \$ 33.00
 42.00
 48.00

 One-twelfth dozen in a carton.

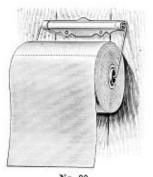




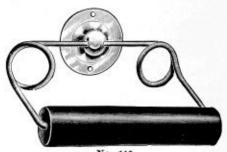
33.00

Finely finished and every piece guaranteed. All complete and ready for attaching.

TOILET PAPER HOLDERS







No. 121

No. 80

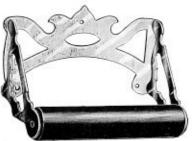
No. 121

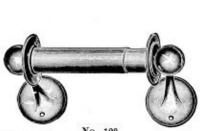
No. 80.—St. Louis. Steel wire hanger and cast wall plate, alum. fin. Wood roll. Complete with screws. Per doz. \$ 1.60

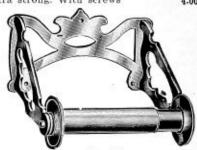
No. 121.—Brass wire hanger and wall plate, nickel-plated. Black enam. wood roll. Nickel-plated screws

No. 118.—Brass wire hanger and wall plate, nickel-plated. Black wood roll. Extra strong. With screws

One dozen in a box.







No. 125

No. 125

No. 125

Extra heavy brass hanger, nickel-plated. Black enameled wood roll. With N. P. screws. ...Per dozen \$ 9.00

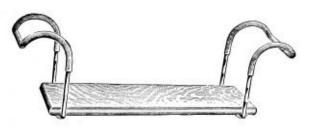
No. 128.—Solid brass, nickel-plated. Cast posts. Ball ends. Roll not removable until paper entirely used. With nickel-plated screws

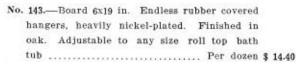
No. 124.—Solid brass, nickel-plated. Heavy hanger. Roll not removable until paper entirely used. With nickel-plated screws

One-fourth dozen in a box.

## BATH TUB SEATS

## TOILET PAPER









Palace. Fine Quality Tissue.

No. 7.—7 oz. rolls. 4½ in. 100 rolls in case. Case \$ 7.00

No. 14.—14 oz. rolls. 5 in. 100 rolls in case. Pr case 13.00

Cardinal. Super Fine Quality Tissue.

No. 1000.—1000 Sheet Rolls. 4¾ in. wide. Extra quality 10 lb. paper 100 rolls in a case. Per case \$ 12.00

Sold only in full case lots.





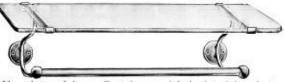


No. 21.—3 in. N. P. brass spray with rubber ring. With 5 feet high grade rubber tubing and bulb .... Per dozen \$ 18.00 No. 22.—3 in. N. P. brass spray with ring. With 5 feet tubing and 2 connections—for hot & cold water No. 20.—11 in. N. P. brass shower ring. Complete with 5 feet high grade rubber tubing and bulb .... One-sixth dozen in a box.

"STERUNG BRAND FOR QUALITY STANDS"



COMBINATION GLASS SHELF AND TOWEL BAR



## PLATE GLASS SHELVES



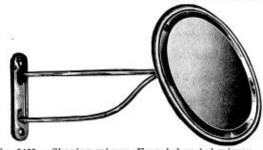
No. 8424.—Plate glass shelves. Cast brass nickel plated bracket. Glass shelf 5x24 inches. With nickel plated screws...... Each \$ 4.50

One in a box.

Plate glass shelves. Polished edges. With nickel plated brass brackets. 5 inches wide. With nickel plated screws.

No. 1418.—18 inches long, 5 inches wide ... Each \$ 2.50 No. 1424.—24 inches long, 5 inches wide ... " 3.00 One in a box.

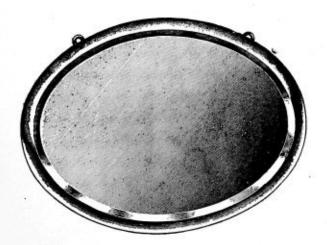
## SHAVING AND DRESSING MIRRORS





No. 96810.—Shaving and dressing mirror. Ovai shape bevel mirror 8x10 in. in size. Extends 24 in. from the wall and can be adjusted in any direction. With nickel plated screws ..... Each \$ 6.00 One in a box.

## OVAL MIRRORS



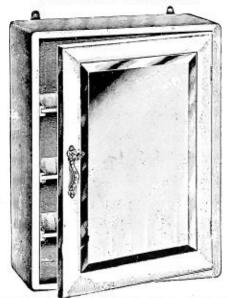
No. 9016.—French plate mirror, 11/4 inch bevel.

Telescope back. 16x20 inches. Mounted in brass
frame, highly nickel plated .............. Each \$ 9.00

One in a case.

For other mirrors (Wood frame) see page 707.

### MEDICINE CABINETS



White enameled medicine cabinet. 6x15x20 inches. Mirror 11x15 inches, bevel edge. Fitted with lock and key. With 3 shelves.

"STERUNG BRAND FOR QUALITY STANDS"



## IMPROVED STERLING SEWING MACHINES



No. 10.—Oak case, 5 drawer semi-drop cabinet. 18 inch inlaid tape measure on front of table. Sewing head raised to position with one movement of the arm and is locked in place by simple and effective device. Strong and well braced stand. All bearing points hung on hardened steel cones. Arm sufficiently high to give ample room for handling the class of material utilized in family sewing. Features of importance include the following—positive double width, four motion, steel forged feed; improved stitch regulator; tension release, automatic bobbin winder; perfected take-up; self threading shuttle and self-setting needle. Set of attachments for ruffling, tucking, binding, etc, with needles, bobbins, tools and book of directions with each machine. A good machine at a low price.......Each \$ 22.56



No. 20.—Oak case, 4 drawer cabinet. Combination chain and lever lifting device automatically raises head to position with one motion of the arm. 18 inch tape measure inlaid in table. Ball bearing stand—the bearings operating in hardened steel cones. Automatic belt replacer. Sewing head has full sized arm and makes the double lock stitch—a stitch that is always smooth, even and perfect. Features include—spring tension with convenient release; improved take-up; positive double width four motion feed; automatic winder and self-threading shuttle; self-setting needle; gear releasing device and improved stitch regulator. Set of attachments in velvet lined box for ruffling, tucking, braiding, hemming, etc, together with tools and a book of directions with each machine. A popular medium priced machine

## STERLIN G

## IMPROVED STERLING SEWING MACHINES



No. 30.—Case of finest quarter sawed mirror finished oak. 4 side and 1 ceater drawers. Inlaid tape measure in table. Steel chain and lever automatic lifting device. Stand has ball bearings in wheel and pitman. Operates noiselessly. Ingenious device automatically re-belts both wheels when head is raised to position for use. Extra high arm—the actual clear space underneath being 8¾x5½ inches. This allows room for handling the most heavy and bulky materials. Features include disc tension; positive takeup; gear releasing device; positive feed; steel capped needle bar; self-threading shuttle; stitch regulator, etc. Set of attachments packed in velvet lined metal box include ruffler, tucker, binder, braider, feller, quilter, shirring slide together with tools, bobbins, etc, and a book of instructions. A high grade machine



No. 40.—New Model case of quarter sawed oak. 6 run length side drawers. Drop front piece. Automatic lifting device. Ball bearing stand—a marvel of simplicity, noiselessness and speed. Non-binding steel Pitman. Automatic belt replacer—eliminates all the fussing and straining incident to belting the average machine. The head forms the reliable and time tested double lock stitch. Extremely high arm and equipped with improvements and labor saving devices as follows—disc tension with automatic release; double width positive four motion feed; steel capped needle bar and presser bar. Improved stitch regulator; automatic winders, gear releasing devices, etc. Set of attachments in velvet lined metal box include tucker, ruffler, braider, binder, hemmers, feller, quilter, shirring slide, etc., as well as needles, tools and book of instructions. A machine the equal of any ever made—no matter what the price

## EL-AN-GE GRAY ENAMELED WARE

Sheet Steel Coated with Mottled Gray Enamel.

### COFFEE POTS.



### COFFEE BOILERS.



### TEA POTS.



Nos. 09 011 012 013 014 015 Qts. 1 1½ 2 3 4 5 Doz. \$ 7.50 8.50 9.50 10.50 11.50 13.00

### TEA KETTLES.



## STOCK POTS.



 Nos...
 020
 022
 024
 026

 Qts...
 6
 8
 10
 12

 Dozen...
 \$ 11.50
 13.00
 15.00
 19.00

 Nos...
 028
 030
 032
 034
 036

 Quarts...
 16
 18
 24
 28
 32

 Dozen...
 \$ 22.00
 25.00
 28.00
 32.00
 36.00

RICE BOILERS.



Nos..... 52 53 54 56 Quarts... 1 2 3 4 Dozen... \$ 12.00 14.00 18.00 24.00

### LIPPED PRESERVING KETTLES.



Nos..... 140 200 Quarts ... Dozen... \$ 3.50 4.50 5.25 Nos.... 220 240 260 280 Quarts ... Per doz. 7.50 9.00 Nos.... 360 400 Quarts ... 12 14 18 Per doz. \$ 11.00 13.00 16.00 24.00

## LIPPED SAUCE PANS.



### WATER PAILS.



Nos.... 108 110 112 114 Quarts. 8 10 12 15 Dozen.. \$ 11.00 13.00 15.00 18.00

### BERLIN KETTLES.



### BERLIN SAUCE PANS.



Nos. 02 03 04 06 08 Qts. 134 2½ 334 6 8 Doz. \$ 6.00 7.00 8.50 10.50 12.00

## COVERED BUCKETS.



Nos. 1 2 3 4 6 Quarts. 1 2 3 4 6 Dozen..., \$4.50 5.50 6.50 8.00 10.00

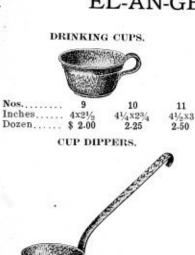
For dinner pails see page 675. For cuspidors see page 678.

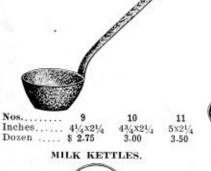


Nos.

## EL-AN-GE GRAY ENAMELED WARE

Sheet Steel Coated with Mottled Gray Enamel.





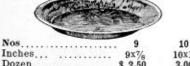


Covers. Nos. 73 Quarts... Dozen.... \$ 5.00 6.00 7.50 9.00 11.00



Nos. 30 Quarts.. 10 Dozen... \$ 11.00 13.00 15.00 18.00 27.00

PIE PLATES.









Nos. 300 320 340 350 Dozen ...... \$ 2.25 3.00 4.00 4.50

FLARING DIPPERS.

..110 112

Inches..... 5x21/4 Dozen..... \$ 2.50 3.00



Nos. Quarts..... Dozen...... \$ 4.50 6.00 8.00 11.50 CULLENDERS.



No. 2.—11 inches....... Dozen \$ 7.00

WASH BASINS.

Nos. Inches.... 121/4 Dozen .... \$ 4.50 5.00 7.00 6.00 SOAP DISHES.



With Drainer, No. 60.  $-6\frac{1}{2}x4x1\frac{1}{2}$  inches. Doz. \$ 3.00 No. 12. -12 quarts... Per doz. \$ 21.00 For dinner pails see page 675. For cuspidors see page 678.

PUDDING PANS.

Nos..... 19 Quarts... 1 Dozen... \$ 3.00 4.00 Nos..... Quarts ...... • Dozen..... \$ 4.50 6.00 WINDSOR DIPPERS.



SEAMLESS FUNNELS.



102 103 104 Dozen.... \$ 4.50 5.00 5.50 7.00

CHAMBERS AND COVERS.



Nos ..... 02 Inches..... 81/2×47/8 93/4×51/2 Dozen..... \$ 11.00 13.00

CHAMBER PAILS.



Enameled Covers.

"STERUNG BRAND FOR QUALITY STANDS"

## BLUE AND WHITE ENAMELED WARE

Sheet steel, coated on inside with pure white porcelain and outside with solid Robin Egg Blue Enamel. COFFEE POTS. COFFEE BOILERS. TEA POTS.



Seamless. Enameled Covers. Nos. 20091/2 20111/2 20121/2 20131/2 20141/2 20151/2 Qts. 1 1½ 2 3 4 5 Doz. \$ 9.75 10.75 12.00 13.50 15.00 17.00 TEA KETTLES.



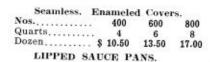
Enameled Covers. Nos. 70 90 60 80 Qts. 41/2 81/2 6 111/ Doz. \$ 14.50 16.00 19.50 24.50 STRAIGHT SAUCE PANS.



Seamless. Enameled Covers. Nos. 2009 2011 2012 2013 2014 2015 Qts. 1 1½ 2 3 4 5 Doz. \$ 10.25 11.25 12.50 14.00 15.50 17.50 RICE BOILERS.



Nos. Quarts..... 5 Dozen..... \$ 17.00 20.00 24.00 LIPPED PRESERVING KETTLES.



Seamless. Enameled Covers. Nos..... 52 53 54 Quarts...... 1 2 3 4 Dozen...... \$ 13.00 15.50 20.00 26.00 WATER PAILS.



200 220 240 260 21/2 3 4 5 Dozen .... \$ 4.50 7.50 5.25 6.00 6.75 280 300 320 360 400 Quarts ... 8 10 Dozen.... \$ 9.00 11.00 13.00 16.00 24.00 BERLIN KETTLES.

16 20 Quarts... 3.50 Dozen.... \$ 3.25 4.00 4.50 5.25 22 24 26 30 Quarts... Dozen ... \$ 6.00 6.75 7.50 9.00 11.00 BERLIN SAUCE PANS.

Quarts..... 8 10 Dozen...... \$ 11.00 13.00 15.00 18.00 COVERED BUCKETS.



Enameled Covers. Nos. . . . . 02 Quarts . . . . . 13/4 03 04 06 Nos..... 08 010 Quarts 8 10 1.5 Dozen \$ 15.00 18.00 21.00

Nos. 03 04 Quarts..... 21/4 Dozen..... \$ 7.50 8.50 10.00 06 08 010 Quarts,,.... 10 Dozen ..... \$ 12.50 15.00 18.00

Seamless. Enameled Covers. Nos.,.... 200 300 400 Quarts... 3 Dozen... \$ 6.00 7.00 8.50 10.50 For dinner pails see page 675. For cuspidors see page 678.

STERUNG BRAND FOR QUALITY STANDS"



## BLUE AND WHITE ENAMELED WARE

Sheet steel, coated on inside with pure white porcelain and outside with solid Robin Egg Blue Enamel.

DRINKING CUPS.

SEAMLESS STRAIGHT CUPS.

PUDDING PANS.

Nos		8	9	10
Inches		2x21/4	4x21/2	41/4×23/4
Dozen	 8	1.75	2.00	2.25

CUP DIPPERS.

Nos	300	320	340	350
Quarts	1/4	1/2	3/4	11/4
Dozen	\$ 2.25	3.00	4.00	4.50

Qts. 11/2 Doz. \$ 3.00 3.25 3.75 4.00 6.00

### FLARING DIPPERS.

WINDSOR DIPPERS.

Nos.	8	9	10
Inches	4x2	41/4×21/4	43/4×21/4
Dozen	\$ 2.50	2.75	3.00

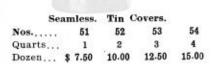
MILK KETTLES.

Nos	110	111	112
Inches	41/4×2	41/2×21/4	5x21/4
Dozen S	\$ 2.50	2.75	3.00

414 Nos..... 412 Quarts ..... 5.00

### DISH PANS.

CULLENDERS.



Nos..... 14 17 21 21 Quarts... 10 14 17 Dozen.. \$ 11.00 13.00 15.00 18.00

Inches..... 103/4x45/9 Per dozen ...... \$ 7.50

CHAMBERS AND COVERS.

Seamless. Feet Fast.

### WASH BASINS.

PIE PLATES.

Nos	28	30	32	34
Inches		121/4	13	14

Dozen.... \$ 4.50 5.00 6.00 7.00

15

BASTING SPOONS.

12

12

9x7/8

14

14

2.00

Inches.....

Inches.....

Dozen..... \$ 1.75

Per dozen,..... \$ 2.50

10 10x1

3.00

16

16

2.25

### SOAP DISHES.

With	Enameled	Seamless	Covers.

Nos	01	011/2	02
Inches	7x41/8	8½x5	93/4×51/2
Dozen,	\$ 9.00	11.00	13.00

No. 60.— $6\frac{1}{2}x4x1\frac{1}{2}$  in. Per doz. \$ 3.00 For dinner pails see page 675. For cuspidors see page 678.

With Drainer.

"STERUNG BRAND FOR QUALITY STAINDS"



## ALUMINUM WARE





Quarts..... 1 Dozen..... \$ 30.00 39.00 34.50

### TEA POTS



Nos. Quarts..... Dozen,..... \$ 37.50 44.00 TEA KETTLES.



Seamless. Sheet. Nos..... 116 117 118 Quarts,,... 63.75 Dozen..... \$ 60.00

### PRESERVING KETTLES.



Nos. 119 120 121 122 123 124 Doz. \$14.25 17.25 21.00 24.75 30.00 36.00

## LIPPED SAUCE PANS.

45

45.00



Nos. 51 52 53 56 Qts. 1  $1\frac{1}{2}$  2  $2\frac{1}{2}$  3 4 Doz. \$8.25 9.75 12.75 14.25 15.75 18.75

### RICE BOILERS.



Nos... 142 143 140 Quarts.. 31.50 Dozen.. \$ 24.75

## BERLIN KETTLES.



Nos..... 461 462 463 464 Quarts... 2 3 4 6 8 Dozen .. \$ 15.75 18.75 23.25 28.50 33.00 Quarts...

## BERLIN SAUCE PANS.



Nos. . . . . . 61 Quarts... Dozen.. \$ 15.75 18.75 23.25

LIPPED FRY PANS.



Nos. 309 Inches..... 10 17.25 Dozen..... \$ 14.25

MILK KETTLES.

## WATER PAILS



119

12

40.00

Quarts..... 10 Dozen..... \$ 30.00 33.75

### COVERED BUCKETS.



235 Quarts..... Dozen..... \$ 13-50

236 2 16.50

Quarts.....

Nos.,.,... 1 Dozen..... \$ 7.20 9.60

For dinner pails see page 675. STERUNG BRAND FOR QUALITY STANDS"



## ALUMINUM WARE

### PUDDING PANS.



Nos	82	83	84
Quarts	2	3	4
Dozen		12.75	15.00

DIPPERS.

																										1	٦		į	ù	ú	ü	Ġ	1		
	D	ra	i.v	N)	n	:	1	ĺχ	П	n	i	n	u	1	ú		h	12	Ĥ	ni	d	14	e.			ł	1	e	a	v	v		m	ateria	E	
Nos																															_			323		1324
Pints		-		. ,						i		·	i.						٠.									4						1/2		1
Dozen																																\$		3.60		4.80
								-	h	n	ë	-]	h	a	H	ľ	í	10	93	z.c	91	n		i	n		a.		b	o	x					

#### LADLES.

No.	1652	-Fruit	ladle.	Solid	handle.	7	inches	
Vo	1051				handla.			4.00
No.	1001				handle.			9.00
No.	1651	long.	Extra	heavy.	in a hox	Per		

#### BASTING SPOONS.



No. 91.—Basting spoons. Solid handle. Smooth finish. 14 inches long............Per dozen. \$ 6.25

### DOUBLE BOILERS.



## CRUMB TRAY AND SCRAPER.



No. 1547.—Crumb tray, 7½x9 inches, and scraper, Satin finish.............Per dozen \$ 18.00 One-twelfth dozen in a box.

#### PIE PLATES.



Nos	280	281
Inches	81/2×3/4	10x%
Dozen	\$ 3.75	5.25

### MOUNTAIN CAKE PANS.



### BREAD PANS.



No. 101.—Bread pan. Size, top 53/4x91/4 inches; bottom 4x8 in. Depth 21/2 in. Per dozen \$ 10.50

### HANDLED GRIDDLES.



### COMBINATION PANS.



No. 6.—Combination egg poacher, bake dish and deep fry pan. Wood handle. 5 cups. Doz. \$ 60.00



## ALUMINUM WARE

### CHILD'S CUPS.



CHILD'S CUPS.



No. 1012

## CHILD'S CUPS.



No. 1001

1405, 1001 and	1002					
No. 1031.—Child's cup.	Plain finish	Canacity 1/ pint scant.	One dozen in a	a box	Per dozen \$	.90
No 1000 Childte our	Plain finish	Conocity 1 pint ()pel	hair dozen in a I	DOX		T
No. 1012.—Child's cup.	Polished ton	and bottom: knurled l	nanda, satin ce	nter. Extra heavy.	Capacity 1/2 pint.	
No. 1012.—Child's cup.	rousned top	and bottom, knurred	Janus, sacim co.		Per dozen	1.50
One dozen ii	n a box		111 nollahad	Canacity 1/ nint O	ne dozen in a box.	
No. 1001.—Child's cup.	Extra neavy a	and very nnely nnisned.	All polished.	Capacity 72 pine.	no donon in a some	2.70
Per dozen .						2.10

### COLLAPSIBLE CUPS.



### COLLAPSIBLE CUPS.



No. 971



MEASURING CUPS.

No. 1029A

No. 968Collapsible cup.	Well finished. 21/2 inches high. One dozen in a box	er dozen \$ 1.	.50
No. 971Collapsible cup.	Extra heavy and well made. Oval pol. top. 21/8 in. high. 1 dozen in box	. 1.	
No. 1029A Measuring cup.	Graduated. Acid finish. ½ pint. One dozen in a box	" 1	1.70

## SALT AND PEPPER SHAKERS AND TOOTH PICK HOLDERS.



No. 1445





No. 1430



No. 1123

No. 1445.—Combination set. Weighted bottoms. Heavy stock. Well finished. Consists of 1 each, salt and pep-	
per shaker and tooth pick holder. Each set in neat carton	4.00
No. 1440.—Salt and pepper shaker set. Miniature size. Weighted bottom. Consists of 1 each, salt and pepper	
shaker. In neat carton	1.70
No. 1430.—Salt and pepper shaker set. Weighted bottom. Colonial pattern. Extra heavy, of new design and	p
neat in appearance. Consists of 1 each salt and pepper shaker. In neat cartonPer dozen sets	3.00
No. 1123.—Tooth pick holder. Weighted bottoms. Swell pattern. 2 inches high. Heavy stockPer dozen	
One dozen in a box.	

JUICE EXTRACTORS.

MOULDS.

SOAP DISHES.











	No. 1552A	No. 123456	No. 1812	No. 1810	No. 1816	
No.	1552A.—Lemon juice	extractor. Acid finish.	Medium weight.	One dozen in a box	. Per dozen	\$ 1.50
No.	123456 Individual me	oulds. For jelly or desser	rt. Assorted 6 attra	active patterns. One doz. in a bo	x. "	1.00
No.	1812.—Wall soap dis	h. Full polished. Mediu	m weight. One do	zen in a box	"	1.60
No.	1810.—Wall soap dis	h. Solid pattern. Heavy	material. One do	zen in a box	"	2.40
No.	1816.—Bath-tub soa	p dish. Full polished. I	Riveted bands. He	avy material. One dozen in a b	ox "	8.00
	PERCOLATORS.		TEA AND	COFFEE STRAINERS.		

### PERCOLATORS.









7401 7000	740: T400	7101 T000	140. 1400
No. 1560.—Coffee percola	tor. With bail and chain.	Substantially made. Three dozen	in a box Per dozen \$ 4.00
No. 1456.—Strainer. For	tea or coffee. Plain finis	h With bail and wire clamp. On	e dozen in a box " .90
		ed. With loose drip cup. Handled.	
No. 1450.—Strainer. For	tea or coffee. Flat patters	<ul> <li>For use on top of cup. One do</li> </ul>	zen in a box " .80



## CHAFING DISHES



Stand, lamp, dish, cover and hot water pan. With asbestos force-draft lamp.

No.	1350.—Nickel-plated.	2 pints	Each	8	5.40
No.	1352.—Nickel-plated.	3 pints	64		6.50
No.	01350.—Silver-plated.	2 pints	64		11.40
	01352.—Silver-plated.	3 pints			13.40
No.	41352.—Polished copper.	3 pints			.6.80



Stand, lamp, dish, cover and hot water pan. With asbestos force-draft lamp. With rubberoid handles. No. 193.—Nickel-plated. 3 pints. Each \$ 7.60 No. 0193.—Silver-plated. 3 pints. " 14.50



Stand, lamp, dish, cover and hot water pan. With asbestos force-draft lamp. 3 pints

No.	483Nickel-plated.	Rubberoid handles.	Each	\$ 6.30
No.	483S Nickel-plated.	Stag-horn handles.	64	9.90
No.	0483Silver-plated.	Rubberoid handles.	44	11.70
No.	0483S.—Silver-plated.	Stag-horn handles.	46	15.30



Stand, lamp, dish, cover and hot water pan. With asbestos force-draft lamp. 3 pints.

neo	os force-draft famp.	o pints.		
No.	263Nickel-plated.	Rubberoid handles.	Each	\$ 7.25
No.	263S.—Nickel-plated.	Stag-horn handles.	**	10.85
No.	0263Silver-plated.	Rubberoid handles.	66	14.50
No.	0263S Silver-plated.	Stag-horn handles.	**	18.10

Above dishes furnished with Peerless Regulating Lamps at an advance of 15c list.



Oak base, mission style, lamp, dish, cover and hot water pan. With Monarch regulating lamp. 3 pints.

No.	633	-Nickel-plated	lach	\$ 11.95
No.	4633	-Polished copper, brass trimmings.	**	11.95
		-Silver-plated	44	20-10



Stand, lamp, dish, cover and hot water pan. Complete with tray. With Monarch regulating lamp. 3 pints.

 No. 653.—Nickel-plated
 Each \$ 13.15

 No. 4653.—Polished copper, brass trimmings.
 " 13.15

 No. 0653.—Silver-plated
 " 22.10

Not carried in stock; shipped from factory direct.



## NICKEL PLATED TEA AND COFFEE POTS

COFFEE POTS



14 ounce copper, nickei-plated. Tinned inside, bright finish. Swaged bodies. Enameled wood handles. Riveted and soldered.

Pints		3	4	5	6	8	
Per dozen	\$9.00	10.00	11.00	12.00	13.00	15.00	

TEA POTS

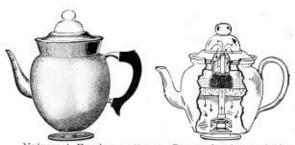
14 ounce copper, nickel-plated. Tinned inside, bright finish. Swaged bodies. Enameled wood handles. Riveted and soldered.

3	Nos 1102	1103	1104	1105	1106
	· Pints 2	3	4	5	6
0	Per dozen \$ 9.00	10.00	11.00	12.00	13.00
¢;	one-fourth dozen in carton	i vernous			

## COFFEE PERCOLATORS

UNIVERSAL





Universal Empire pattern. Pure aluminum body, highly polished. Ebonwood handles. Sectional view shows operation of pump. Can be used on any kind of stove. Artistic in design and very durable.

Nos	74	76	79	714
Capacity, cups	4	6	9	14
Each	\$ 3.50	4.00	4.50	5.00
One	in a ca	rton.		



Columbia. Copper body, nickel-plated and polished. Seamless spout. Ebonwood handle. Pure aluminum filter cup and spreader plate. Neat in design and moderate in price.

Nos.	166	169
Capacity, cups	6	9
Each	\$ 2.75	3.25

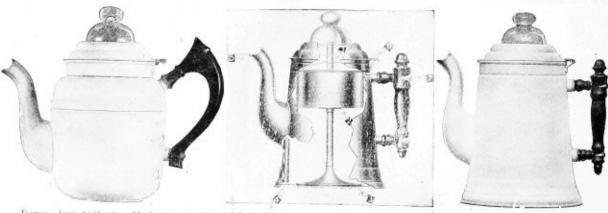
No. 150.—Glass tops suitable for Universal or Columbia percolators One in a carton.

POME LOW BATTERNA PERCONAL

ROME LOW PATTERN



## ROME TAPER PATTERN



Rome, low pattern. 18 ounce copper, nickel-plated outside, tinned inside. Ebonized wood handle.

 Nos.
 2023
 2024
 2026

 Cups
 4
 6
 9

 Each
 8
 2.25
 2.50
 3.00

Rome, Taper pattern. 14 ounce copper, nickel-plated outside, tinned inside. Ebonized wood handle. Nos. 1223 1224 1225

1223 1224 1225 \$ 2.25 2.50 3.00 Each \$ 4 6 9 Each in a pasteboard box; one-fourth dozen in a carton.

The Rome percolator is substantially built of heavy material. Coffee receptacle strongly held by braces inside and outside. Heavy hinge and patent handle fastening. Pumping valve sets on the bottom of the pot. Steel ring No. 050.—Glass tops suitable for Rome percolators.



## NICKEL PLATED TEA KETTLES



14 ounce copper, nickel-plated. Body made from one piece of metal. Tinned inside. Spout seamed solid to body and end wired to prevent jamming. Heavy ear with handle rest. Bail one piece solid steel rod running through the wood. Riveted knob. Swaged bodies. Flat bottoms.

Nos 3	7 38 39	
Size	8 9	
Diam., inches gi	½ 9½ 10½	6
Per dozen \$ 17-	00 18.50 20.0	

One-fourth dozen in a cardboard carton.



12 ounce copper, nickel-plated. Body made from one piece of metal. Tinned inside. Spout seamed solid to body and end wired to prevent jamming. Heavy ear with handle rest. Bail one piece solid steel rod running through the wood. Riveted knob. Swaged bodies. Flat bottoms.

Nos.	177	178	179
Size	7	8	9
Diam., inches	81/2	91/2	101/2
Per dozen \$	17.00	18.50	20.00

One-fourth dozen in a cardboard carton.

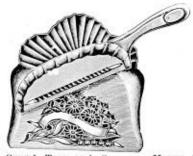
## SERVING DISHES



No. 23.—Serving dish. Capacity 3 quarts. Nickelplated, copper: Metal handles and ebony knobs. Fitted with removable enameled pan. Food may be cooked in the porcelain pan and brought to the table in the serving dish. Per dozen

Each in cardboard carton; one-half dozen in a case.

## CRUMB TRAY AND SCRAPER



No. 118.—Crumb Tray and Scraper Heavy Tin, nickel-plated. 9x8½ in. . . . . Per dozen \$ 4.00 One-half dozen in a box.

## ALCOHOL GAS STOVES



One-twelfth dozen in a box.

### ROUND TRAYS



No. 30.—13 in. in diameter. Nickel-plated all over. Assorted designs ..... Per dozen § 4.50 One-half dozen in a package.

"STERUNG BRAND FOR QUALITY STANDS"

## COFFEE URNS

All copper, nickel-plated. This urn has no inside reservoir, but has a cotton bag to hold the ground coffee.

No. 2102.— 2	gallons		Each	\$ 12.00
No. 2103 3				14.00
No. 2104 4	gallons		**	16.00
No. 2105 5			**	18.00
No. 2106- 6	gallons	*******	44	20.00
No. 2108 8	gallons		**	22.00 &
No. 211010	gallons		**	24-00

All copper, nickel-plated. With vitrified stone reservoir.

No. 2002.— 2	gallons	 Each	\$ 35.00
No. 2003 3			40.00
No. 2004 4	gallons	 44	45.00
No. 2005 5	gallons		50.00
No. 2006 6	gallons	 ***	55.00
No. 2008 8	gallons	 **	60.00
No. 201010			65.00
No. 2012.—12			70.00
No. 2015.—15	gallons	 **	77.50
No. 2018.—18	gallons	 **	85.00
No. 202020	gallons	 318	90.00
, (8) 16 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			



Nos. 2002 to 2020

Nos. 1602 to 1625

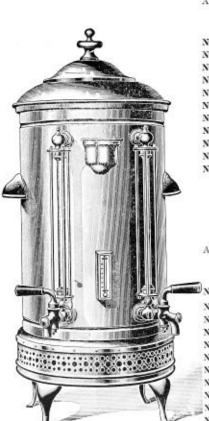
All copper, nickel-plated. With vitrified stone reservoir.

No. 2202 2	gallons	 Each	\$ 35.00
No. 2203 3			40.00
No. 2204 4	gallons	 44	45.00
No. 2205 5	gallons	 	50.00
No. 2206 6	gallons	 **	55.00
No. 2208 8	gallons	 **	60.00
No. 221010	gallons	 **	65.00
No. 221212	gallons		70.00
No. 221515	gallons	 	77.50
No. 221818	gallons	 11	85.00
No. 222020			90.00

## COFFEE AND MILK URNS

All copper, nickel-plated. With vitrified stone reservoir.

No.	1602 2	gallons	 Each	\$ 40.00
No.	1603 3	gallons	 ***	45.00
No.	1604 4	gallons	 1.6	50.00
No.	1605 5	gallons	 ***	55.00
	1606 6			60.00
No.	1608 8	gallons	 **	65.00
No.	161010	gallons	 	70.00
No.	161212	gallons	 14	75.00
No.	161515	gallons	 44	82.50
	1618 18			90.00
	1620 20			95.00
No.	162525	gallons	44	105.00



Nos. 2202 to 2220

Nos. 2102 to 2110







## HOT WATER URNS



All copper, nicker-plated. Made from 20 ounce copper. Complete with gauge and faucet.

No.	2042 2	gallon		Each S	\$ 15.00
No.	20433	gallon		**	17.00
No.	20444	gallon	**********	**	19.00
		-			



All copper, nickel-plated. Made from 20 ounce copper. Complete with gauge and faucet.

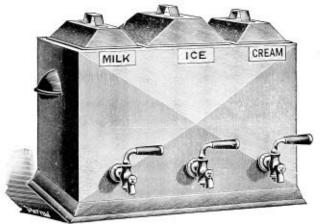
No.	2022 2	gallon		Each	\$ 12.0	0
No.	2023 3	gallon	*******	64.	14.0	0
No.	2024 - 4	gallon		44	16.0	0



All copper, nickel-plated. Complete with gauge and

faucet.				
No. 20722	gallon	 Each	8	9.00
				10.00
No. 2074 -4		14		11 00

## TRIPLE COOLERS



Triple cooler. All copper, nicely nickel-plated. Also has a copper reservoir, heavily tinned inside. The capacity of the cream and milk compartments is 3 gallons each, that of the ice compartment 5 gallons. Each compartment provided with the very best clean out faucets. The size of the cooler over all is 23 inches long, 15 inches wide and 20 inches high.

No. 1000.—Triple cooler ...... Each \$ 50.00

Not carried in stock; shipped from factory direct.



## **SPIDERS**

## COMMON GROUND



Ground	surface.	Plain	finish.

Nos	7	8	9	10	12
Diam. bottom, in.	81/4	91/8	10	11	13
Each	\$ .30	-35	.40	.50	.70

## ERIE



Erie. Extra smooth finish. Highly polished.

Nos	7	8	9	10	12
Diam., bottom, in.		87/4	93/4	101/4	113/4
Each	\$ .46	.50	-58	.74	1.10

## STEEL



All steel. Lacquered finish, Non-breakable.

Nos.	7	8	9	10	12
Diam., bottom, in.	8	9	10	11	12
Each	\$ -65	-75	.90	1.10	1.30

### BROOKLYN STEEL



 Wrought steel.
 Bright finish.
 Tin covered handle.

 Nos.
 7
 8
 9

 Diam., bottom, in.
 8
 9
 10

 Each
 8
 65
 .75
 .90

### ACME FRY PANS



Stamped steel. Bright finish. Tin covered handle. . . . . . . . . . . . . 00 0 Diam., top, in. ...... Per dozen ...... \$ 2.50 3.00 3.75 4.25 Nos. .... 3 4 - 5 Diam., top, in. 9½ Por dozen ...... 8 4.75 6 10 12 11 5.25 6.00 7.00One-fourth dozen in a bundle.

## WAFFLE IRONS



No. 08.—Dandy. Japanned frame. Smooth castings. Wood handle. Detachable hinge. Per doz. \$ 16.00



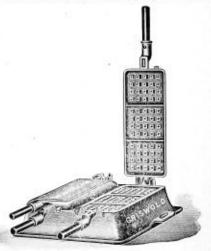
Frie. American pattern. Smooth finish. No drip.
No. 8.—Pan 7% in. in diameter ...... Per dozen \$ 16.00
No. 9.—Pan 85% in. in diameter ..... " 18.00



No. 8D.—Erie. American pattern. Deep ring for gas or vapor stove. Pan 734 in. in diameter. With side handles. No drip ... Per dozen \$ 19.00



No. 11.—Erie. American pattern. Pan 634 in. square. Frame 10 in. square. With bail. No drip .......... Per dozen \$ 19.00



No. 12.—Erie. Twin pattern. Each pan 9½x4 in. Capacity 6 waffles,—3x4 in. With side handles. No drip ...................... Per dozen \$ 27.00



## HANDLED GRIDLES

## COMMON GROUND



Ground su	rrace.	Plain hnish.		
Nos.	7	8	9	10
Diameter, inches	9	101/4	11	117/8
Each	* .25	.27	-30	-40

## ERIE



Erie.	Extra	smooth	finish.	Highly	polished.	
Nos		7		8	9	10
Diam., botto	m, in.	8%		93/4	103/4	12
Each		\$ -36	i	.40	.48	-62

## STEEL



222	All	steel.	Lacquered	finish.	Non-breakable.	
Nos.				8	9	10
C001	king	surface	, inches	9	10	11
Each	1			S .6	0 .70	.80

For Aluminum Handled Griddles See Page 655.

## LONG GRIDDLES

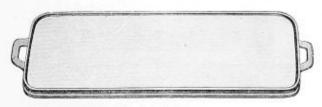
## COMMON



	Unground	surface.	Plain	finish.	
					9
inches				10×20	111/2×22

## ERIE

Nos. Size, Each



	Erie.	Extra	smooth	finish.	Highly	polis	hed.
Nos.				. 8		9	10
Size.	inches			87/8×193	8 101/8	x211/2	123/gx243/4
Each				8 .72	1000	90	1.35

## BAILED GRIDDLES

## COMMON GROUND



Ground	surface,	Plain	finish.	
Nos.		12	14	16
Diam., inches		135%	143/4	17
Each		\$ .50	-65	.80
	ERIE	E		



136	Erie.	Extra	smooth	finish	. Highly	polished.	
Nos.					12	14	16
Dian	l., bot	tom, in			113/4	14	15%
Each					\$ .70	-90	1.10
			ST	EEL			



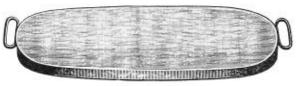
	All	steel.	Lacquered	finis	h.	Non-breakable.	
Nos.					12	14	16
COOK	ing	surface	. in		12	13	14
Each	1000			\$	1.00	1.15	1.30

# SOAPSTONE GRIDDLES



	Soapstone.	Round.	Metal	Rim.	
Nos				12	14
Drameter,	inches			12	14
Each				\$ 1.50	1.80
	-	DI ON	~		

## OBLONG



Soapstone. 10x20 inches. Metal rim and handles. No. 1020 ..... Each S 2.40

"STERUNG BRAND FOR QUALITY STANDS"

## **KETTLES**

## COPPER



Gallons Each				
Gallons	8	10	12	15
Est. Wt. lbs	12	141/2	$16\frac{1}{2}$	20

Est. Wt. lbs. 12 14½ 16½ 20 Gallons ... 18 20 25 30 Est. Wt. lbs. 24½ 27½ 33 35 Gallons ... 35 40 Est. Wt. lbs. ... 44 49 8 to 40 gallons ... Per lb. \$ .40

## COMMON FLAT BOTTOM



 Ground Inside.
 Painted.

 Nos.
 7
 8
 9

 Each
 \$ .65
 .70
 .85

# Six in a bundle. ROUND BOTTOM



Ground Inside. Painted.

-85

Nos.		7	8
Each			
	SIX II	a bun	die.

## BRASS



Spun	Brass.	Wire	Bail.	
Quarts .	6	8	10	12
Inches	9	10	11	12
Each \$	2-14	2.56	3.00	3.42
Quarts	16	18	20	24
Inches	13	14	15	16
Each \$	4-28	4.92	5.56	6.42
Quarts	32	40	48	56
Inches	17	18	19	20
Each \$	7.70	9.70	11.62	15.34

## ERIE FLAT BOTTOM



Erie. Extra smooth finish outside. Highly polished inside.

Nos. ...... 7 8 9

### ROUND BOTTOM



Erie. Extra smooth finish outside. Highly polished inside.

triguit bousaged	merue.		
Nos	7	8	9
Cap'y qts	6	8	10
Each \$	.90	1.00	1.30
Six	in a cra	ate.	

## FARM OR SUGAR



Smooth surfaces. Made from best iron. With bail and feet. Painted outside. Sizes given are actual capacities.

Nos	0	1	2	3
Cap'y gals.	4	8	101/2	15
Each	\$ 2.10	2.50	3.25	3.80
Nos	4	5	6	7
Cap'y gals.	181/4	211/2	251/2	30
Each	\$ 4.50	5.00	6.00	7.00

### MASLIN



Cast Iron. Porcelain Lined.

Quarts	2	3 4	5	6
Each \$	.60	.65 .7	5 .90	1.10
Quarts	\$ 1.2	8	10	12
Each		0 1.30	1.40	1.50
Quarts Each	S 1.7		20 2.50	24 3.00

# TEA KETTLES GALVANIZED



Galvanized Iron. Nickel-plated wire handles.

Nos.	 8	9
Each	1.40	1.60



## FARM BOILERS

## PROFIT



PROFIT FARM BOILER

Kettle is cast very smooth and has an extra thick bottom. Constructed of the best cast iron. Is simply a furnace, with a caldron which dumps as shown in illustration below. This enables the operator to empty the boiler in a moment. Serves also as a manufacturers' furnace and kettle. Very economical of fuel. The kettle, when dumped, exposes all the flues—a feature peculiar to this boiler, and one that aids in keeping the flues free from dirt.

No.	2525	gallons.	For	coal	Each	S	23.00
No.	25025	**	For	wood	**		23.00
No.	4848	ec.	For	coal	**		34.00
No.	480 48	**	For	wood			34.00
No.	5353	**	For	coal	**		38.00
No.	530 53	**		wood			38.00
No.	7575			coal			46.00
No.	75075	**	For	wood	4.4		46.00

## Extra Caldrons for above boilers.

25	Gallons	 Each \$	6.50
48	"	 **	12.00
53		 4.6	14.00
75	**	 -11	18.00



Showing method of dumping the Profit Boiler.

EARTH SILLING

Cross section showing coal fixtures

SOLON STEEL BOILER.

SOLON

Furnace and caldron designed to meet the wants of farmers, butchers, contractors, etc. Supplied with regular caldrons, well-finished and durable. The jacket or shell is made from heavy sheet steel, with edges banded, and has no bottom, as the boiler is intended to be used on the earth or to be filled with brick or clay up to the bottom of the feed door. Provided with double doors, so that it can be conveniently used as a coal burner when supplied with coal fixtures.

wate	m sup	pu	ed with	4:0	GL.	 11.2	u	u.	100	0	٠.										
No.	1	25	gallons	١		 													Each	\$	12.00
No.	2	33	**																- 11		14.00
No.	3	40	**				8		1		B		8					33	44		15,00
No.	4	48	44														1		**		16.50
No.			60								٥		ı		ľ	Ô			**		18.00
No.			**														2	8.5	9.6		19.50
No.			44						•		•		•			•	•		4.6		22.00
	8										Ü	7		•	1	•	ì				26.00
	9		44														77		116		32.00
	10		44																**		36.00
			al Fixtu																ers.		00.00
For	Nos.	1.	2 or 3 .																Each	3	3.50
			5. 6 or 7																	7	4.00
																			44		4.50

### CALDRONS



		M:	ade	of the	bea	t pig ir	on.		
Actual Measure 25 Gallons		ot		m. Outs. Flange inches	0	iam Ins. Flange inches	In	pth side nches	\$ Each 6.00
33	**		31	4.5	28	**	16	**	8.00
41	**		34	44	30	**	19	**	10.00
48	**		35	44	31	44	19	**	12.00
53	- 44		36	4.4	32	44	20	**	13.00
65	**		39	44	34	44	201/2	**	14.00
75	**		41	**	36	44	22	**	18.00
90	**		43	45	38	44	22	44	25.00
110	**		46	**	42	**	23	**	30.00

The above cut shows 53 gallon caldron. Sizes above 75 gallons are cast without lugs on rim unless specially

the Profit Boiler. ordered.

Not carried in stock; shipped from factory direct.

## HOTEL WARE

## HEAVY FRY PANS



otel fry I	an. So	lid alum	inum.	Long	heavy
	407	408	410	412	414
	otel fry p	407	407 408	407 408 410	10: 100 110

Nos	407	408	410	412	414
Diam. top, in	7	8	10	12	14
Diam. bottom, in	43/4	6	73/4	95/8	111/4
Depth, inches	15%	1%	21/8	23/8	25/8
Each	\$ 1.00	1.40	2.00	3.00	4.00

## SAUCE PANS



Heavy hotel sauce pan. With long and loop handles. Solid aluminum. Without covers.

Dond Bramman.	10000000	WEEK.				0021300
Nos	528	529	530	532	534	536
Diam., inches	8	9	10	12	14	16
Depth, inches	51/8	5%	61/8	73/4	93/4	10
Capacity, qts	41/2	$6^{1/2}$	81/2	14	25	34
Each	\$ 3.75	4.75	6.25	8.00	12.00	15.0v

### DEEP STOCK POTS



Deep stock Pot with spigot and strainer. Without covers. Solid aluminum. Side handles.

covers, sond	arumini	A1111. 151	de non	4400		
Nos	828	829	830	832	834	836
Diam., inches	8	9	10	12	14	16
Capacity, qts.	8	11	14	25	40	60
Foob	\$ 19.00	14.00	16.00	19.00	25.00	34.00

## STEAM TABLE POTS



Steam table pots. Solid aluminum. Made in a variety of styles and sizes. Write for special catalogue and prices.

Loop handles or long handled covers can be furnished for any of the above when desired at market prices.



COPPER SHALLOW SAUCE PANS

2, 3, 4, 5, 6, 7, 8, 10, 12, 14, or 16 quarts....Per pound \$ .60

### COPPER DEEP SAUCE PANS



### COPPER STOCK POTS

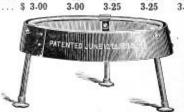


Copper Stock Pots or Soup Boilers. With or without covers. Strainers and faucet extra.

## KETTLE STANDS



Kettle Stands for Copper Kettles. Size, gals , , . . . 10 12 14 15 ... \$ 2.25 Each 2.25 2.25 2.25 2.40 2.40 Size, gals..... 20 25 30 22 28 .... \$ 2-40 Each 2.65 2.65 2.80 2.65 2.80 Size, gals..... 60 35 40 45 50 Each .... 3.50 3.50



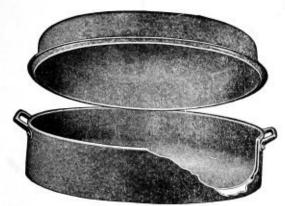
Kettle Stands for Iron Kettles. Size, gals ..... 10 12 14 18 Each . .... \$ 2.25 2.25 2.25 2.25 2.40 2.40 Size, gals.... 20 22 25 28 30 32 Each ..... \$ 2.40 2.65 2.65 2.65 2.80 Size, gals..... 35 40 45 60 Each ..... \$ 3.00 3.00 3.25 3.25 3.50

Hotel ware and kettle stands not carried in stock; shipped from factory direct.



## ROASTERS AND BAKERS

### SAVORY







No. 400

No. 200.—Size 11½x17½x75% inches. Blued steel	Per deren e	17 50
110: 41: Diac II AAI AAI AAI MAINUUS. GIAZEU SDEEL	66	
NO. 43. Size II 4XIV 4XV Inches. Enameled. Magnolia finish	66	23.00
No. 11.—Size 9%x14%x6% inches. Giazed steel	66	33.50
No. 13.—Size 9%x14%x6% inches, Enameted, Magnotia finish	**	20.50 28.50
No. 400.—Size 14 x19½x 10 inches. Blued steel. Hotel or restaurant size	ii.	36-00

No. 400, one-sixth dozen; others one-fourth dozen in a carton.

Savory roasters are seamless and perfectly smooth inside. Self-basting and easy to keep clean. Nos. 200 and 400 are made with close fitting separate jackets, others pan and jacket drawn from one piece.

## CORONA



Corona. Oval pattern, 18 inches long, 11 inches wide and 7½ inches deep. Absolutely seamless and easily cleaned. Outer fold of pan distributes the heat uniformly. So constructed that the bottom does not touch the oven. Even on the top of the stove nothing burns in it. As good for a pot roast as an oven roast, as all the steam drops back.

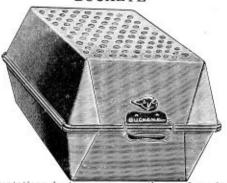
### OVAL OAK





Lisk Imperial. Seamless. Dark gray enameled side and out. Self-basting with extra inside pan. Nos. G1 G2 G3 G4 Length, inches ...... 153/4 171/4 18 Width, inches ...... 103/4 111/2 121/4 10 Depth, inches ...... 81/2 81/2 81/ Per dozen ... \$ 31.20 33.60 36.00 40.00 One-fourth dozen in a carton.

## BUCKEYE



Indentations in top pan cause the condensed steam to drip evenly over the roast, making the roaster selfbasting.

Dasting.				
Nos		15	16	17
Length, inches	14	15	16	17
Width, inches	91/2	10	11	12
Depth, inches	71/2	73/4	81/4	81/4
Per dozen	\$ 5.50	6.50	8.00	9.00
One de	ozen in	a crate.		



## TINWARE AND DRIP PANS

## DRIP PANS



Uniform color smooth	blued steel.	Wired.	21/4 in.	deep.		20420	10×14
Inches 71/2x9 Per dozen \$ 2.05	7×14 2.65	8×10 2·20	8×17 3.45	9×12 2.60	9x14 3.00	10×12 3.05	3.40
Inches Per dozen	10×15	10×17 4.00	12x17	12×19 4.85	14×15 4.75	16×17 5.50	18×19 6-50
Thr	ee dozen in	crate.					

## BREAD PANS



No. 18.—Plain tin. Wired. 9x5 in. 3 in deep ..... Per dozen \$ 1.60 Three dozen in a carton.

## EGG POACHERS



No. 1.—Buffalo egg poacher. Plain tin. For 5 eggs. With re-tinned cups. Size 101/8x2 inches ...... Per dozen \$ 8.00 One dozen in a carton.

### CULLENDERS



No. 11.—Pieced tin. Diameter 11 in. Side handles ...... Per dozen \$ 3.00 11/2 dozen in a carton.

## WASH BASINS



IC Tin. Plain.

Nos	7	71/2
Inches		12
Per dozen	\$ 1.30	1.60
Twelve dozen	in a	carton.

13 1.80

## NEW KINK

POT COVER ASSORTMENTS



In use the "New-Kink" handle is rigid and upright. It is large, easy to grasp and always cool.



Folds flat for shipping or storing

in stock and when not in use. New Kink pot covers. Handle folds flat when not in use. Large easy to grasp and rigid when in use. Size stamped on each cover. Complete with display rack and 18 dozen covers assorted in 12 sizes as follows:

1 dozen each 8,  $8\frac{1}{2}$ , 9,  $9\frac{1}{2}$ , 12,  $13\frac{1}{2}$ , 13,  $13\frac{1}{2}$ . 2 dozen each 10 and 11.

3 dozen each 101/2 and 111/2.

No. B. Assortment.-18 dozen assorted covers with rack.

One assortment complete in a case.

### POT COVERS H & R



Plain. Hemmed edge. Ring handle.

10 10½ 11 11½ 12 12½ .80 .90 1.00 1.20 1.40 1.60 131/2 Per doz. \$ .70 One dozen in a package.



## **TINWARE**

## BREAD MAKERS



Universal bread makers. Will mix and knead bread perfectly in 3 minutes. Made of heavy tin and sheet steel. A combination bread mixer, kneader and raiser.

Nos	4	8
Height, inches	10	13
Diam., inches		13
Per dozen		40.00
One-half dozen in a	case.	

## BREAD RAISERS



Re-tinned IX. Deep pattern. With cover. 117 Nos. ..... 114 Quarts 

One-half dozen in a carton.

## DISH PANS



Re-tinned IX. Deep pattern.

Nos	110	114	117	121
Quarts	10	14	17	21
Per dozen		7.00	8.00	10.00
No. 110, 11/2	lozen; oth	ers one doz	en in a car	ton.
Re-ti	inned IXX	XX. Extra	heavy.	
No. 330 30 quar	t		. Per doze	n \$ 20.00

Three dozen in a case.

## PIE PLATES



IC Tin. Plain. 010 Inches ...... Per dozen .... 10 ..... \$ .70 Twelve dozen in a carton.

### DEEP PIE PLATES



IC Tin. Plain. Deep pattern.	
Nos 19	20
Inches 9	10
Per dozen\$ -80	1.00
Turolyo dozon in a carton	

## JELLY CAKE PANS



IC Tin. Plain. 1 inch deep. No. 9.—9 inches in diameter ...... Per dozen \$ -80 Twelve dozen in a carton.

### MOUNTAIN CAKE PANS



	IC	Tin.	Plain.	11/2 inche	s deep.	
Nos					90	100
Inches					9	10
Per dozen				\$	1.00	1.20
		Twel	ve dozer	n in a car	ton.	

## MUFFIN PANS



IC Tim. Plain. Cups 3x% inches. No. 111.— 8 cups ...... Per dozen \$ 3.00 No. 113.—12 cups .....

## RINSING PANS



IC Tin	. Plain.		
Nos	. 10	14	17
Quarts	. 10	14	17
Per dozen	. \$ 3.50	4-00	5.00
11/2 dozen	in a carton	i.	

121

20.00

16.00

## **TINWARE**

## COVERED BUCKETS



IC Tin.	Piain.	Wire Bail.		
Nos	11	22	23	24
Quarts		2	3	4
Per dozen		1.80	2-40	2.80
Per dozen	\$ 1.50	1.80	2-40	2-8

## FLARING PAILS



IC	Tin	Plain. Wood	Grip	Bail.	
Nos	04	06	08	010	012
Quarts	4	6	8	10	12
Per dozen	\$ 2.40	2.70	3.00	3.50	4.00

## DAIRY PAILS



13	C	T	n.	V	Vr	ou	K	u		:21.	18		١	N	00	od	gr	ip bail	
Nos																		0210	0212
Quarts																	3	10	12
Per dozen	1														٠.		8	4.50	5.50
IXX Tin.	I	Ext	tra	h	ea	Vy		WI	0	ug	h	t	e	ar	8		Rec	wood	handle.
Nos																		110	112
Quarts			orono.			200												10	12
Per dozen	1																. \$	5.50	6.00



re-inforced	Teavy	plate. 1	oal tin	5A Charc	terling.	5
				wire bail.		
5212	5210					Nos.
12	10				ts	Quar
10.00	\$ 9.00				lozen	Per

## STRAINER PAILS



	1X	T	n.	R	01	u	id		st	ra	ıi	n	e	r	1	ij	p.		1	W	To	od		grip	bail.	
Nos.																								710		712
Quar																								10		12
Per	doz	en		 												. ,						. \$	;	8.00		9.00
				0	ne	-	ha	11	r	d	o	26	er	r	i	n		9	0	a	r	on	١.			



Sterling. 5A Charcoal plate. Square sanitary strainer. Heavy bail. Every pail tested. 6272 6270

12 16-00 .....\$15.00 One-half dozen in a carton.

## MILK KETTLES



		Wire bail.		
Nos.	11	12	14	16
Quarts	1	2	4	6
Per dozen	\$ 2.70	3.50	6.00	7.20
IX Tin.	Plain.	Wire bail.		
Nos	. 4	08	410	412
Quarts		8	10	12
Per dozen	\$ 10	.00 1	3.00	16.00
No. 11, two dozen; 1 dozen in a carton.	No. 12,	one dozen;	others o	ne-half



## TINWARE

### GRADUATED MEASURES



No. 020.-Low pattern, Graduated. Capacity 1 qt. ..... \$ 1.50 Per dozen .. One dozen in a carton.

### LIPPED MEASURES



Plain. Made from sealed patterns. With lip. ..... 122 123 124 125 126 Nos 8 Pints 1/ 1 9 4 Pints ...... \\frac{1}{2}.

Per dozen ... \\$ 1.20 3.20 4.50 1.50 2.40

No. 122, two dozen; No. 126, one-half dozen; others one dozen in a carton.

#### CUPS



No. 0130 .- Plain tin. Patent handle. One pt. dozen in v carton ... ..... Per dozen \$ .60 No. 024.-Plain tin. Soldered handle. One quart. 11/2 dozen in a carton ...... Per dozen



Plain tin Soldered handle.

No 9 1	pint	Per dozen \$	1.00
	quart		1.50
	Six dozen in a carton		

## MILK SKIMMERS



Plain tin. Hook handle. Extra heavy bowl. No. 0110.—Solid bowl ...... Per dozen \$ 1.20 No. 011.—Pierced bowl ..... Six dozen in a carton.

#### MILK STRAINERS



No. 33.—Sanitary. Re-tinned. Diameter 11 inches. Brass wire cloth. With hoop and rim to hold ..... Per dozen \$ 4.00 Three dozen in a carton.

### GRAVY STRAINERS



No. 20.-Re-tinned. Wood handle. Bowl 41/4 in. ..... Per dozen \$ 1.50

#### FUNNELS



Plain tin. 15 20 30 Nos. .... Nos. ½2 Pints ..... \$ .80 2 1 1.00 1.80 1.40 Six dozen in a carton.

### FRUIT FUNNELS



No. 10.—Plain tin. 41/4x23/4 in. With handle. Per dozen .. One dozen in a package.

## COFFEE POTS



I. C. Plain tin. High pattern. Hinged cover. Nos. ..... 102 103 104 Quarts ..... 2 4.00 Per dozen ..... \$ 3.00 3.50 One dozen in a carton.



## FLOUR CANS

## FLOUR CANS



Japanned, assorted colors. Heavy drop iron side handles. One-twelfth dozen in a carton.

FLOUR BIN AND SIFTER

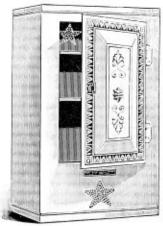


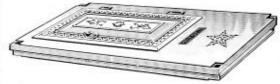
Cream City. IXX Tin plate, assorted colors and decorations. Shield protects sieve from pressure by the flour. Works easily at all times.

No. 220.—Capacity 50 pounds ....... Per dozen \$ 36.00

One-twelfth dozen in a crate.

## BREAD AND CAKE CABINETS







Home comfort bread and cake cabinets. Finished in aluminum and gold bronze trimmed. Knocks down for convenience in shipping and storing. Equipped with removable shelves and ventilator. Is sanitary and satisfactory, keeping all kinds of bread and cakes better and longer than the ordinary box. With hinged door and latch. No. 1J made of tin, other numbers of heavy galvanized iron. Easily taken apart or put together.

Nos	1J	1G	2G	3G	4G
Width, inches	17	15	17	201/2	25
Height, inches	14	24	28	30	30
Depth, inches	11	12	131/2	131/2	131/6
Each §		4.00	5.00	7.50	9.00
No. 1J, six; Nos. 1G and 2G, three; Nos	. 3G and	4G, one in a	package.		

## BREAD BOXES



Savory rounded corner. Japanned black with gold orations. Ventilated back. Cover fits snug and tight decorations. 

No. 235.—Nest. 1 each Nos. 112, 113 & 115 4.00

## SUGAR BOXES



Sugar Boxes. Hinged cover. Japanned and neatly decorated. One dozen in a carton.

No. 30.—Capacity 10 pounds ...... Per dozen \$ 6.00 No. 40.—Capacity 25 pounds ...... No. 40.—Capacity 25 pounds .....

STERUNG BRAND FOR QUALITY STANDS"



## JAPANNED AND GALVANIZED WARE



No. 1 .- Round open riveted handle. Japanned brown. 13x9 in. Per dozen \$ 1.50 Two dozen in a carton.



Assorted colors, 13x9 in. Per dozen \$ 4.00 One dozen in a carton.



No. 04 .- Covered. Round open riveted handle. Japanned brown. 13x9 inches. Per dozen \$ 2.40 One dozen in a carton.

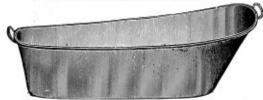


No. 11.—Handle 24 in. long. 26 gauge black Japanned. Both hands free to handle broom. 11x12 in....Per dozen \$ 4.00 One dozen in a case.



No. 210.—Black Japanned. Covered. IXXX. 13x8½ inches.
With 1¼-inch steel edge entire length of front. Always straight and close fitting to to the floor.......Per dozen \$ 8.00 One dozen in a carton.

## INFANT'S BATH TUBS



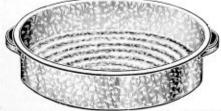
				Painte	d green.		
No.	0.	-28	1/2×143	%x111/4	inchesPer	dozen	\$ 27.00
					inches	**	33.00
					inches	66	40.00
	1197		On	e-sixth	dozen in a carton.		

## OVAL FOOT TUBS



No. 51.—Galvanized. Drop handles. 18x13x7 in. Per dozen One dozen in a carton.

## REFRIGERATOR PANS



Galvanized.	Seamless.	Straight sides.	Extra hea	vy.
				7.00
No. 150.—15	x43/ inches.		44	9.00
	One-half de	ngan in a carta	n	

## OVAL TRAYS



			nea.	Flower	pattern		
Nos			314	316	318	320	324
Inches			14	16	18	20	24
Per dozen		\$	3.00	4.00	4.80	6.00	8.00
	O	ne doze	en in	a bundl	e.		



Nos. 3 and 31/2



Nos. 3 and 31/2	Nos. 10 and 12
Chamber pails.	Wood grip bails.
o. 3 Japanned. 10 qu	nart Per dozen \$ 7.50
o. 31/2 Japanned. 12 qu	art " 8.50
o. 10.—Galvanized. 10 qu	art " 8.00
o. 12.—Galvanized. 12 q	uart " 9.00
One-half do	ozen in a crate.

STERUNG BRAND FOR QUALITY STANDS"

## DINNER PAILS

### OBLONG



Oblong. Dust and rain-proof with patent ear and cover fastener combined. Cover fits inside and outside parts. Coffee in bottom.

No. 140.— 8¾x6 x6 in. Doz. No. 150.—10 x6½x6¾ in. " in. Doz. \$ 5.00 6.00

### OBLONG



Oblong. With cup. Dust and rainproof with patent ear and cover fastener combined. Cover fits inside and outside parts. Coffee in bottom.

No. 240.— 8¾x6 x6 in. Doz. \$ 6.00 No. 250.—10 x61/2x63/4 in.

All above pails, one dozen in a crate.

## ACME



Acme. Spring ear and cover fastener combined. Coffee can on top. With slip cup. Original pattern and popular style.

No. 2.— 834x6 x6 in. Dozen \$ 6.00 No. 3.—10 x61/2x63/4 in.

## LISK



Lisk Special. Hand made. Pieced. Three compartment. With slip cup

No. 505.—5 quart...Per dozen \$ 12.50 No. 506.—6 quart..." 13.00

One-half dozen in a crate.

## OVAL



Oval. Sectional. Coffee in bottom.

No. 13 .- 3 quart ... . Per dozen \$ 4.50 No. 14.-4 quart.... 5.00

No. 15 .- 5 quart .... 5.50

One dozen in a crate.

## KEYSTONE



Keystone. Round. Spring cover. No. 040.—4 quart. 6 inch di-ameter; 9 in. high. Per dozen \$ 5.56 No. 050.—5 quart. 634 inch di-ameter 9 in. high. Per dozen One dozen in a crate.

## RIDER AND CRESCENT



Nos. 5R and 500.

5R .- Rider. 5 quart No. oval. Extra hand made. oval. IX Tin. Per dozen



Original Rider pails Nos. 5R, 4 and 5 are made throughout of uniformly high grade bright IC Tin. Every seam hand soldered and separate parts rigidly and strongly wired. Full size. One-half dozen in a carton.

Crescent pails Nos. 500, 04 and 05 are made of heavy bright tin. Very popular and desirable pattern. One dozen in a crate.

STERUNG BRAND FOR QUALITY STANDS"

## ROUND



Nos. 4, 5, 04 and 05.

No. 4.—Rider. 4 quart \$ 9.50 No. 5.—Rider. 5 quart 10.00 No. 04.—Crescent. 4 quart 7.50 No. 05 .-- Crescent. 5 quart

8.00

### DINNER PAILS









No. 240				Ne	os.	40.	50	and	Rex.
		War and the last							

No. 240.—Aluminum. 5 qts. Length 91/8 in.; width 61/4 in.; depth 63/4 in. Coffee bottom	dozen \$	40.00
No. 40.—Ohio. 4 quarts. 834x61/2x634 inches. Mottled blue and white outside; white inside	f)) (0)	18.00
No. 50.—Ohio. 5 quarts. 9 x7 x71/2 inches. Mottled blue and white outside; white inside		20.00
Rex. —4 quarts, 81/4x61/4x71/4 inches. Pale blue (solid color) outside; white inside	16	20.00
No. 1.—El-an-ge, 4 quarts, 9x63/x7 inches. Mottled gray inside and outside		16.80
No. 240, one-half dozen; others one dozen in a crate.		

#### KEYSTONE LUNCH BASKETS

### PITTSBURG LUNCH BASKETS







-Japanned tin. Oval shape. Spring catch bail. 83/4x61/4x61/4 inches. Complete with pie tray and 1 pint rg.—Japanned tin. Obloh 2222.

pint large mouth screw top coffee can

One dozen in a crate. Per dozen \$ 9.00

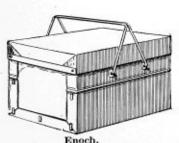
## GRUB BOXES

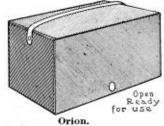


Acme Grub boxes. Made of heavy charcoal tin and polished. The box for railroad men, miners, or workmen whose calling requires carrying food in considerable quantities.

Nos. 80 Length, inches 83/4 Width, inches 55/4	90 9½ 6½	100 10 7	101 10¾ 7½	102 121/4 81/4 73/4	103 13½ 9¼ 8¼	104 14 10 83/4
Height, inches 6 Per dozen \$ 10.00	6 11.00	6½ 16-00	7 18.00	21.00	24.00	30.00

### LUNCH BOXES







1.80

Champion.

Enoch.—Red fibre. Wire bail. Tin edges on ends of lid and box. Length 7 inches. Width 51/2 inches. Height 41/2 .... Per dozen \$ 1.60 inches. Does not fold ..

With handle. One dozen in a bundle.

Champion.—Stiff fibre, cloth covered. Strongly braced and neatly finished. Length 81/4 inches. Width 41/2 inches. Height 5 inches. With patent catch and handle. Folds into compact form, One doz. in a carton Per doz.

"STERUNG BRAND FOR QUALITY STANDS"

### WASH BOILERS



Orion. Tin. Stamped covers. Large wood side handles. Cleat on each end prevents nesting solid and is useful as a rest for emptying the boiler.

No.	18.—Size 8.	1C tin			Per dozen	\$ 15.00
	19.—Size 9.					16.00
	28 Size 8.					16.00
	29.—Size 9.					18.00
	180 Size 8.					21.00
No.	190 Size 9.	IC tin.	copper	bottom	44	24.00
No.	280 Size 8.	IX tin.	copper	bottom	44	26.00
No.	290 Size 9.	IX tin,	copper	bottom	46	28.00
	One-four	th doz	en in a	carton.	nested.	

#### ORION GALVANIZED



Orion. Galvanized. Stamped covers. Large wood side handles. With cleat on each end, useful as a rest when emptying a boiler and also prevents from nesting solid in shipping. Medium weight galvanized stock.

No. 88 No. 99				Per dozen	18.00 20.00
			carton,		0200000

#### REGULAR COPPER



Copper. 12 ounce. Planished inside. Pieced covers. Drop handles. Every one tested.

No. 128.—Size 8.	12 ounce copper		\$ 52.00
No. 129.—Size 9.	12 ounce copper		56.00
Or	e-fourth dozen in	a crate.	

### ORION TIN AND COPPER BOTTOM STERLING TIN AND COPPER BOTTOM



Sterling. Charcoal tin. Large folding handle. Easy grip. Wood handle cover. Embossed seams. Hand soldered and water tested. Combination hook. Extra large size.

14 ounce copper bottom. Extra large size and every one tested.

No. 800.—Size 8. 2X tin. Copper bottom. Per dozen \$ 38.00 No. 900.—Size 9. 2X tin. Copper bottom " 42.00 One-sixth dozen in a carton.

#### STERLING GALVANIZED



Sterling. Heavy galvanized iron. Patent embossed seams. Combination hook and drop handle with mahogany grips. Hand soldered and water tested. Extra large size.

No. 08.—Size 8. Galvanized iron ...... Per dozen \$ 30.00 No. 09.—Size 9. Galvanized iron ......

#### STERLING COPPER



Sterling. 14 ounce copper, polished. Planished inside. Pieced covers, and wood handles. Large hook grip mahogany side handles. Every boiler tested.

No. 148.—Size 8. 14 ounce copper ..... Per dozen \$ 56.00 No. 149.—Size 9. 14 ounce copper ..... " 60.00 One-fourth dozen in a crate.



### GARBAGE CANS AND PAILS



Capital. Galvanized steel, corrugated. Drop side handles. Seamless slip cover.

Nos	75	76	77
Cap. gals		13	21
Inches	14×17	14×20	17x23
Per doz	\$ 21.00	24.00	27.00



Furnished with slip cover.

Monitor. Heavy galvanized steel.

Wood staves. Drop side handles.

Slip cover.

Nos. 7 8 9

15×26

221/

17×26

5.50

25

18×26

6.00

Cap. gals. . . . 17½

Each ...... \$ 5.00

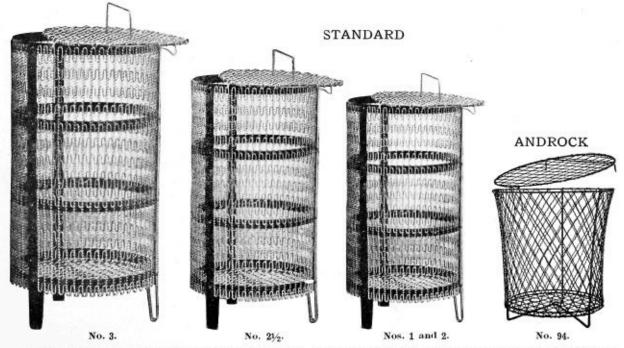
Inches .....



Galvanized steel. Flat bottom. With bail. Seamless slip cover.

Nos.	02	03	04
Cap. gals	6	9	11
Inches	13×12	14×14	14×16
Per doz	\$ 15.00	18.00	21.00

### PAPER BURNERS



Standard. Made of galvanized wire, crimped and with heavy iron supports that serve as side braces as well as legs. A well constructed serviceable burner—moderate in price.

Nos		21/2	2	1
Diameter, inches	20	18	15	14
Height, inches	35	30	28	20
Each		6.00	4.00	3.50
Androck. Made of No. 12 galvanized wire. 11/2 inch mesh. Hinge	cover. Fo	r burning	trash.	

No. 94.—18 inches high; 18 inch top diameter; 15 inch bottom diameter ....... Per dozen \$ 18.00

### CUSPIDORS AND SPITTOONS







No. 0.		No.

No. 0 .- Japanned tin. Assorted colors and banded. Diameter of top 61/2 inches; height 4 inches ...... Per dozen \$ 1.60

No. 30 Japanned tin. Assorted	colors and banded.	Diameter of top 8 inches, height 4 inches. A broad top cuspi-	
dor at a popular price			2-40

No. 13.—Nickel plated steel. Fluted body and loaded bottom. Self-righting. Diameter of top 71/4 inches. Height 5 inches . . . . . Per dozen

All above, one-half dozen in a package.









No. 6.

No. 06. No. 500.

6.—Gray enameled steel. Diameter of top 8 inches. Height 51/3 inches. Deep and wide top ...... Per dozen \$ 8.00 No. 500.-Cast iron, porcelain lined. Attractively finished in assorted colors outside, white porcelain lined in-11.00

side. Diameter of top 9 inches. Height 6 inches. Very heavy and substantial. Self-righting. Per dozen

One-half dozen in a crate.

No. 06.—Pale blue enameled outside, white enamel inside. Diameter of top 8 inches. Height 51/2 inches. Finely finished with deep and wide top ...... Per dozen 12.00

One-half dozen in a package.

No. 44.-Wrought steel. Self-righting. Assorted colors outside, gold banded. White porcelain lined inside. Diameter of top 9¼ inches, height 5¾ inches. Very wide top and mouth. Suitable for hotels, restaurants, etc. Practically indestructible. Per dozep 15.00

Each in carton; one-half dozen in a crate.







No. 40.



Nos. 3, 2 and 1.



Nos. 33, 22 and 11.

1.11 -

- No. 200.-Wrought steel seamless body. Finished in tobacco brown. White enameled removable top. Diameter
- No. 40.—Wrought steel, seamless body. Assorted colors outside, white porcelain lined inside. White porcelain removable cover, 11 inches in diameter. Height 41/4 inches. A large neatly finished club spittoon, indestructible ...... Per dozen

Each in a carton; one-half dozen in a crate.

No.	3.—Indurated fibre body and top. Diameter 9 inches, height 4½ inches	Per dozen	8-40
No.	2.—Indurated fibre body and top. Diameter 11 inches, height 5½ inches	41	9.50
No.	1.—Indurated fibre body and top. Diameter 13 inches, height 5½ inches	44	12.00
No.	33.—Fibre body, enameled top. Diameter 9 inches, height 4½ inches	**	10.00
No.	22.—Fibre body, enameled top. Diameter 11 inches, height 5½ inches	41	10.50
No.	11.—Fibre body, enameled top. Diameter 13 inches, height 51/2 inches		13.50

Nos. 33, 22 and 11 have enameled steel tops matching the fibre bodies in color. Will not show the tobacco stain. One-half dozen in a crate.

### BRASS CUSPIDORS AND SPITTOONS







No. 16.—Nickel-plated brass. Heavy body, self-righting. Diameter of top. 8 in. Height, 4½ in. Each in carton.

Per dozen \$10.00

No. 404.—Highly polished brass. Heavy body, self-righting. Diameter of top, 8 in. Height 5½ in. Each in carton.

Per dozen \$14.00

No. 56.—Highly polished brass. Extra heavy body, self-righting. Diameter of top, 7 in. Height, 7 in. A low vase pattern and a popular shape at a moderate price. Each in carton Per dozen 16.00

One-half dozen in a crate.



No. 011



One-half dozen in a crate.





### POTATO MASHERS



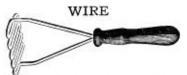
Rapid.—1 mned steel, slotted. Wax finished plain handle. Length 9 inches ........ Per dozen \$ 1.50
One dozen in a box.



CAKE TURNERS

No. 3.—Bright steel biade 4x31/4 in. Black enameled handle. Length 131/2 in. . . . . Per dozen \$ .80

One dozen in a package.



No. 405.—Retinned heavy wire. Mahogany stained handle. Length 11 inches . . . . . Per dozen \$ 1.50 One dozen in a box.

# No. 5.—Bright steel blade, pear shaped, 6 inches long. Varnished handle. Length 17 in. Per doz. \$ 1.50 One dozen in a package.



### WOOD



No. 60.—Hard maple. Solid handle, turned from one piece. Full shape and good size. Per doz. Two dozen in a box.

#### WIRE MIXING SPOONS

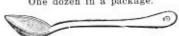


Standard.—Heavy wire frame. Black enameled handle. Length 12 inches . . . . . . Per dozen \$ 1.20 One dozen in a box.

#### BASTING SPOONS



Threaded, R	e-tinned	steel.	
Nos	012	014	016
Inches	. 12	14	16
Per dozen		1.00	1.20
One dozen i	n a pack	age.	



	Forged.	Re-tinne	d steel.	Heavy.	
Nos			12	14	16
Inches			12	14	16
Per dozen				1.50	1.70
				X.	

#### SLOTTED MIXING SPOONS



No. 300.—Re-tinned steel slotted bowl. Rubberoid handle. Length 11 inches . . . . . Per dozen \$ 1.50 One dozen in a box.

#### WOOD SPOONS



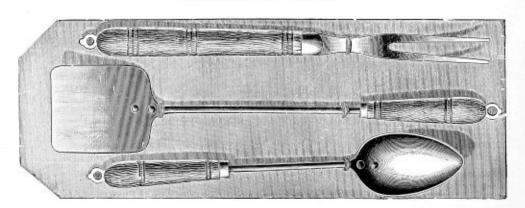
No. 015.—Hardwood, polished. With turned handle. Length 15 in. . . . . . . . . . Per dozen \$ .80 One dozen in a package.

### FLESH FORKS



No. 4.—4 prong. Double wire twisted handle. Length 14 inches . . . . . . . . Per dozen \$ 1.30 One dozen in a box.

#### HANDY KITCHEN SETS

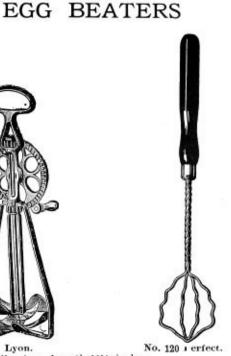














No. 120 r erfect. No. 150 Dover .. Per dozen \$ 3.50 2.40 4.00

Cream City

Per dozen .....



GRATERS

Perfection



No. 150, one-half dozen; others, one dozen in a box.

No. 02

-Cylinder 7x4 in. Grates coarse, medium or fine. One-half dozen in a box. Per doz. \$ 1.60 Perfection.—Combined grater, slicer and cutter. Length over all 91/4 in. Grates coarse, or fine. Slices vegetables, and cuts slaw. One dozen 2.40



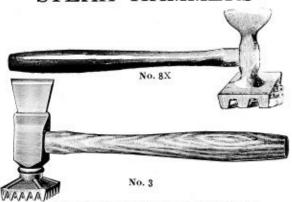
Sensible. Wire Chain Pot Cleaners .... Per dozen \$ 1.60 One dozen in a box.

### SINK STRAINERS



No. 9.—Vrooman's. 9½x10½x5¼ in. Blue enameled finish. With steel wire stand. Suitable for all style sinks. One doz. in a box. Per dozen \$ 2.40

### STEAK HAMMERS



No. 8X .- Steak hammer and Ice Pick combined. Tin Plated. Polished handle ..... Per dozen \$ 3.50 One-half dozen in a box.

Large steel blade. Plain No. 3.—Japanned. handle. Extra quality ...... Per dozen 4.00 One dozen in a box.

STERUNG BRAND FOR QUALITY STANDS"



### WIRE GOODS

#### STRAINERS



No. 1.—No-drip. Brass, plated with silver. Selfadjusting and with drip cup under basket. On display card .................. Per dozen \$ 1.50



No. 709.—Diameter 1¾ inches. Black enameled wood handle. One dozen in a box. Per dozen \$ .80



No. 700A.—Diameter 3½ inches. Coarse mesh. Folding arm. Black enameled wood handle. One dozen in a box. . . . . . . . . Per dozen \$ 1.50



No. 91.—Nickel-plated. Tinned bowl, 3 inches in diameter. Brass cloth. Enameled handle. One dozen in a box . . . . . . . . . . . . . Per dozen \$ 1.50

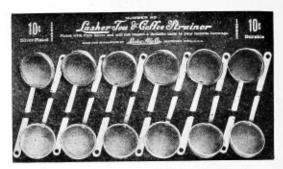


No. 729.—Diameter p inches; depth 2 inches. Wire handle. One dozen in a package ... Per dozen \$ 1.50



No. 719.—Extension. Diameter 6 inches; depth 3½ inches. One dozen in a box . . . . Per dozen \$ 4.00

#### STRAINERS



No. 20.—Spring brass, silver plated. Length 4 inches. 40 mesh brass cloth strainer. Finely finished. One dozen in display carton. Dozen \$ 1.60

#### VEGETABLE BOILERS



No. 2707.—Retinned wire. Diameter 7 in.; Depth 4 inches. One dozen in a package. . Per dozen \$ 3.00

#### SOAP BRACKETS

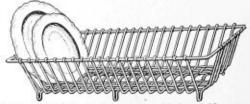


No. 758.—Re-tinned wire. Adjustable bracket. 6x3x1 in. One dozen in a box. . . . . Per dozen \$ 2.48



No. 755.—Re-tinned wire. With side brackets. 6x31/2x1 in. One dozen in a box .... Per dozen \$ 1.80

#### DISH DRAINERS





### FLOUR SIFTERS



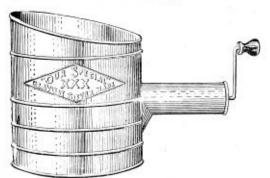
One dozen in a case.



Ideal.—Tin frame and wire mesh. Flat bottom.

Can be worked with left hand. Holds flour for carrying ........................ Per dozen \$ 3.00

One dozen in a case.



XXX.—Extra heavy block tin. Finely polished.
Wire mesh. Strongly built throughout.
Per dozen \$3.50

One dozen in a case.



One dozen in a case.

### **SIEVES**

CHAMPION



One dozen in a case.

#### TIN RIM

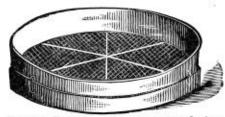


#### WOOD RIM



No. 1416.—Wood rim. 12 in. in diameter. Wire mesh assorted 14 and 16 ............ Per dozen \$ 2.76 One dozen in a bundle.

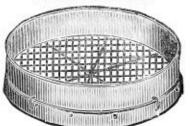
### RIDDLES



Regular Riddles. Diameter 16-17 Inches.

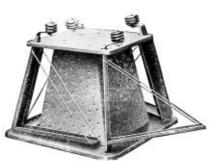
Nos. 2, 3, 4, 5, 6, 7, 8, 10, 12, 14, 16 ...... Per dozen \$ 6.00

One dozen in a bundle.



"STERUNG BRAND FOR QUALITY STANDS"

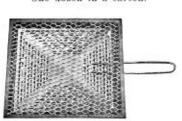
### TOASTERS







Wilson.—All steel, cone shape. Toasts 4 slices at one time. So constructed that a uniform heat reaches the entire surface of the bread, toasting it to a delightful crispness. Ventilated top for making tea, coffee or cooking at the same time. For use on any kind of range, Per dozen \$ 4.00 One dozen in a carton.



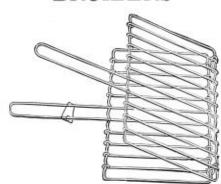


### ASBESTOS MATS



### CORN POPPERS

### **BROILERS**



No. 71.—Re-tinned. Size 9x12 inches. Frame of No. 13 wire; bars of No. 15 wire........Per dozen \$ 2.40 One dozen in a package.

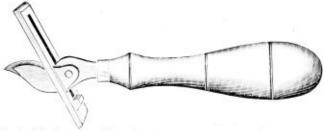
Regular. Wire with tin edge lid and long stained



STERUNG BRAND FOR QUALITY STAINEDS"



### CAN OPENERS





INL.—Oil tempered blade. Full nickel-plated. Iron handle. Patent long cut fulcrum. Length 51/3 in. Per doz. \$ .80

One dozen in a display box.



Best.—Oil tempered crucible steel blade. Nickel-plated. Steel fulcrum. Length 5¾ inches. Combination—5 tools in one. Can opener, cork screw, milk bottle cap lifter, crown cap lifter and shallow cork lifter. Dozen \$ 1.50 One dozen in a display box.



Klos Kut.—Oil tempered crucible steel blade. Slightly turned so as to cut either the top or side of cans. Steel fulcrum. Imitation rubber finish handle. Length 6 in. A new idea in can opener construction. Dozen \$ 1.50 One dozen in a display box.





No. 85.—Sure Cut. Cast steel blades. Sliding knife for round cans. Varnished handle. Length 9 in. Per dozen \$ 4.60 One dozen in a display box.

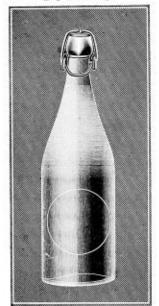




STERUNG BRAND FOR QUALITY STANDS

### BOTTLES, JARS, ETC.

#### BOTTLES



MASON JARS



Nos. 1, 2 and 4

No. 28

No. 28.—Plain glass with patent stopper. Capacity 28 ounces—about 1 quart.....Per gross \$ 14.00 One-half gross in a crate.

Mason Jars with Caps and Rings.

No. 11	pint	 	Pe	r gross	8
No. 21	quart	 		**	
				84	

Prices on application.

Mason Jar Caps with Rings.

No. 250.—One-half gross in a box.......Per gross § 5.00

#### FRUIT JAR RINGS



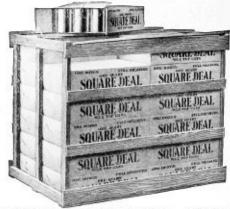
Fruit jar rings. 12 to inch. One dozen in a carton; one gross in a box.

Order District		
Orion. —Black rubber	er gross	\$ .90
SterlingWhite rubber	46	1.70
Florence.—Red rubber	44	1.70

#### FRUIT JAR WRENCHES



 FRUIT CANS



### PAROWAX



Parowax. For preserving, ironing or washing. cartons. Case No. 391. 40-1/2 lb. cartons cont. 2-1/4 lb. cakes. \$ 3.20 No. 3911/2 .- $-80-\frac{1}{2}$  lb. cartons cont.  $2-\frac{1}{4}$  lb. cakes. 6.30 -200-1/2 lb. cartons cont. 2-1/4 lb. cakes.
-20-1 lb. cartons cont. 4-1/4 lb. cakes.
-40-1 lb. cartons cont. 4-1/4 lb. cakes.
-100-1 lb. cartons cont. 4-1/4 lb. cakes. No. 392. 15.00 No. 393. 3.20 No. 394. 6.30 No. 395. 14.50 No. 396. -- 40-1/2 lb. cartons and 80 1 lb. cartons 15.00

#### SEALING WAX



#### STERLING COVER KNOBS



No. 50.—Sterling cover knobs. Assorted size knobs and roses. Plated bolts and nuts. Will not rust. 36 knobs on card......Per card \$ 1.00



### MINER'S SUPPLIES

### POWDER CANS. PLAIN



No. 2.—Capacity 5 lbs. or about 2 qts. IC Tin, plain with side handle ........Per dozen \$ 2.50 One dozen in a crate.

#### POWDER FLASKS.



#### OIL BOTTLES.



No. 25.—Heavy polished tin. Capacity 1 pint...Per dozen \$ 1.79 One dozen in a carton.

#### ENAMELED COFFEE FLASKS.



No. 110.—Seamless gray enameled steel. Round. Capacity 1 pint. With 3½ inch nickelplated cork lined screw cap. Easily kept clean. Per dozen \$ 4.50 One dozen in a box.

#### POWDER CANS. BAIL



No. 20.—Capacity 5 lbs. or about 2 qts. IC Tin, plain with bail . . . . . . Per dozen \$ 3.00 One dozen in a crate.

#### OIL CANS. FLAT TOP.



IC. Tin. Flat top. Bent spout.
Screw cap.

No. 0.—½ gallon ... Per dozen \$ 2.40

No. 1.— 1 gallon ... " 3.50

One dozen in a crate.

### POWDER CANS. SQUIB BOX.



#### OIL CANS. PITCH TOP.



IC Tin. Pitch top. Bent spout.
Screw cap.
No. 9.—½ gallon...Per dozen 8 3.00
No. 11.— 1 gallon... "
One dozen in a crate.

#### OIL FLASKS.



No. 1½.—Irwin pattern. Heavy tin. Oval shape. Capacity 1½ pints .......... Per dozen \$ 4.00 One dozen in a carton.

#### TIN COFFEE FLASKS



#### OIL CANTEENS



No. 2.—Oil canteeus or cadgers.. For belt or shoulder straps. 43/4 in. in diameter, capacity 1 pint.... Per dozen \$ 1.80 One dozen in a carton.

#### SQUIB BOXES



"STERUNG BRAND FOR QUAUTY STANDS"

### OIL CANS

### HOME RULE



CLIMAX



No. 20

### MONARCH



No. 105

# ORION FAUCET



No. 205

- No.105.—Monarch. 5 gallon. Galvanized. With brass trimmings. Has spring valve spout with large outlet and button at top of spout which regulates size of stream. The can tilts in a neatly japanned removable frame made from heavy steel. Very simple in operation. Carefully tested and guaranteed. Per dozen \$ 16.06

#### ORION SPOUT



No. 80



No. 70



No. 100



No. 90

6.00

- No. 70.—Orion. 3 gallon. Galvanized. With large spout having 1 inch screw cap on end. Filling hole is set back from center of top to prevent overflow when pouring. Carefully tested and guaranteed. Per doz.

  One-half dozen in a crate.



No. 200

### OIL CANS



No. 325 No. 200.—Dandy. 1 gallon. Perforated, beaded tin jacket. Tin top and filler cap. Soldered tin spout. Glass con-tainer. Wire bail and enameled wood grip. An old and original pattern of oil can ............................. Per dozen \$ 4.00 One dozen in a crate.

No. 325

Wire cushion. 1 gallon. Removable wire jacket. Tin top and filler cap. Close mesh jacket protects the body. Soldered tin spout with cap. Wire bail with enameled wood grip. Popular style can, Per dozen \$ 6.50 One-half dozen in a crate.

### OIL TANKS



Sterling. Heavy galvanized iron. Neatly finished in red and green and striped in gold. Wire side handles. Capacity 60 gallons. Tank 30 inches high; with cover 42 inches over all. Diameter 24 inches. Complete with sub-stantial pump. A durable tank at a popular price. One in a crate

No. 060.—Capacity 60 gallons.... Each \$ 10.00

### GASOLINE TANKS



Underground gasoline tanks. Especially designed for automobile garages, motor boats, gasoline engines, etc. The gasoline is thus kept at a safe distance and is still accessible. Filler pipe opening, 2 inches in diameter; discharge opening %-inch diameter, pipe size. Nos. 60, 110 and 165 are made of No. 16 gauge steel; others of No. 14 gauge. Thoroughly galvanized both inside and outside, then painted outside with rust-proof paint. Furnished with seams or joints either riveted and solder-sweated, brazed or welded. Tested with air pressure to insure thorough tightness.

No. 60 60 gallons.	34x31 inches	Each	\$ 14.00
No. 110110 gallons.	30x36 inches		21.00
No. 165 165 gallons.	30x54 inches		28.00
No. 220220 gallons.	36x50 inches		41.00
No. 275.—275 gallons.	36x63 inches		47.00
No. 385 385 gallons.	36x88 inches		62.00
No. 550.—550 gallons.	42x90 inches		75.00

Dimensions given are inside measurements.

Prices for Tank only.



Made of extra heavy tin. With brass valves. Nos. 10 and 15 are reinforced at the joints.

No. 5.—1½x32 inches ... Each \$ 2.50 No. 10.—1½x54 inches ... 5.50 7.00One in a crate.

### BASKETS

#### CLOTHES



	Sterling.	Selected w	hite wil	low. Hea	avy braide	d top.
No.	1052 29	x21 x121/2	inches	P	er dozen \$	19.00
No.	1053 311	6x22 x131/2	inches		**	22-00
No.	1054 331	2x241/2x14	inches		44	27.00
				-		



Orion. Medium Willow.		
No. 1101.—26x21x11 inchesP	er dozen	\$ 11.00
No. 1102.—20x21x12 inches	44	13.00
No. 1103.—31x22x12 inches	44	15.00



	Crescen	t. Fine	splint.	Hard	maple s	standards	5.
No.	1001 2	8x17x12 in	nches .		Pe	r dozen :	\$ 8.00
No.	1002 3	0x19x12 i	nches .			44	9.00
		3x21x12 i				44	10.00

#### CLOTHES HAMPERS



Favorite. Genuine	pounded ash. Very durable.
	Each \$ 4.50
No. 11.—18x18x26 inches	
No. 12.—21x21x 9 inches	" 6.00
ELM STAVE	BRIGGS'



Nos. 20 and 21	ı	Nos	30 to 34	
No. 20.—% bushel	Elm stave		Per dozen	\$ 2.50
No. 21 1 bushel.	Elm stave		**	2.50
Briggs'.	Oak. Gal	vanized 1	noop.	
Nos 30	31	32	33	34
Bushels 1/2	3/4	1	11/2	2
Per dozen \$ 5.00	6.00	6.00	9.00	15.00

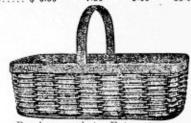


			Bret	ton. Se	lected	willow	,		
No.	0 8	X6	x4	inches			Per dozen	S	4.50
No.	1 9	x61/	x4	inches			46		6.00
	2101/								7.00
	312								9.00
	4.—13							1	0.50

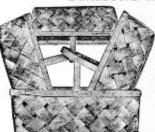


No. 4315.—Shopping. Fancy braided straw, assorted colors. 1 each 13, 141/2 and 16 in. Per nest (3) \$ 2.50 BAMBOO

Bamboo del	ivery.	Iron boun	d. Sele	cted stoc	k.
Nos.,,,,,,,,	50	51	52	53	54
Bushels	1/2	3/4	1	11/2	2
Per dozen S	6.50	7.50	9.00	11.00	13.00



	samboo m	arket. 1	extra stro	ng.	
Nos	. 60	61	62	63	64
Bushels	. 1/2	3/4	1	11/2	2
Per dozen	. \$ 7.00	8.50	10.00	12.00	14.00
	DIAMO	OND M	ARKET	r	

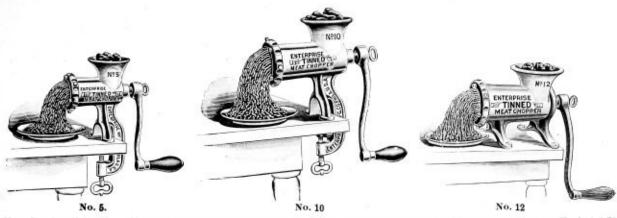




	Nos. 70, 71 and 72 Nos. 1	30 and 81	
	Diamond splint market. Over han	dles.	
No.	70.—Capacity 1 peck Pe	r dozen \$	1.20
No.	71.—Capacity 1½ peck	**	1.30
No.	72.—Capacity 1/2 bushel	46	1.40
	Diamond market, drop handle.		
No.	80.—Capacity 1 peck	16	1.00
No.		46	1.20
	One dozen in a bundle.		



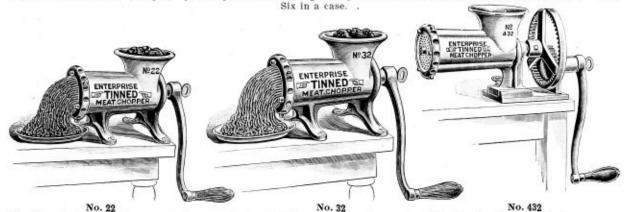
### ENTERPRISE CHOPPERS



 No. 5.—Small family.
 Chops 1½ pounds per minute.
 Weight 4¾ pounds.
 Clamps to table
 Each \$ 1.75

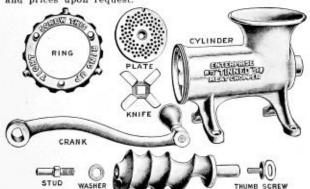
 No. 10.—Large family.
 Chops 3 pounds per minute.
 Weight 8¾ pounds.
 Clamps to table
 "
 2.50

 No. 12.—Medium size.
 Chops 3 pounds per minute.
 Weight 9 pounds.
 Screws to table
 "
 2.25



Enterprise hand choppers with knives and plates for meat and food. Tinned finish. Standard size plate (30 inch hole) furnished with each. Keep the knife in the chopper with the flat side against the plate.

Enterprise choppers can be furnished with fly wheel for power or fitted with electric motors. Special catalogue and prices upon request.



#### ENTERPRISE CHOPPER PARTS

Nos		5	10	12	22	32	432
Knife	Each \$	.15	.18	.18	-25	.40	.40
Plate, % reg.	**	-20	.35	-35	-50	-65	-65
Ring	44	.18	.25	-25	-50	.65	.65
Crank	44	.18	.20	-20	-35	.50	.50
Thumb screw	**	-10	-15	-15	-15	-20	-20
Cylinder	14	1.00	1.50	1.25	2.00	3.00	3.50
Feed screw	44	-35	-55	-55	1.00	1.50	1.50
Screw washer	**	-15	.15	-15	-20	.30	.30

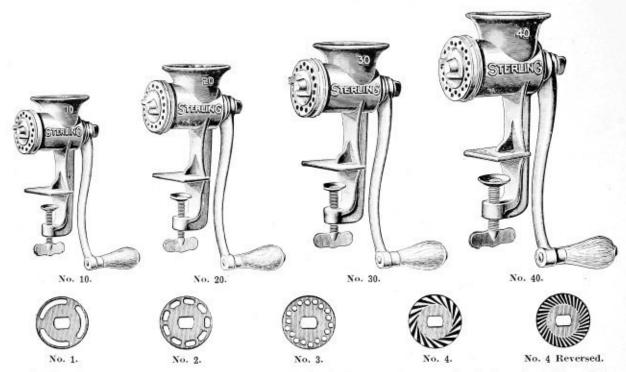


Nickel-plated spun brass. After the meat has been chopped remove the knife from plate, place the attachment against the cylinder, screw up the ring moderately tight and the machine is ready for use. 34-inch.

Nos	5	10	12	22	32	432
Per dozen \$	5.50	6.00	6.00	7.50	8.75	8-75



### STERLING FOOD CHOPPERS



Sterling food choppers. Nicely tinned. All parts closely fitted, accurately gauged and interchangeable. Cutter plates of steel, reversible and self-sharpening. Strong and rigid clamp. Large hopper. Has the greatest capacity for its size, turns with the least exertion and will not choke or clog with the toughest kind of meat.

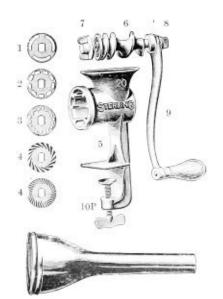
The Sterling chopper will cut any kind of meat, raw or cooked; all kinds of vegetables, coarse or fine . Leaves no uncut food in the machine and no drip on the floor. It chops rapidly and easily without mashing, squeezing or tearing.

Sterling choppers numbers 10, 20 and 30 are furnished with 4 cutter plates (as illustrated above) -the No. 4 plate being reversible—thus in reality furnishing plates for 5 different classes of work. No. 40 is furnished with 3 round hole plates-1 each with 16, 1/4 and 16 inch holes.

One-twelfth dozen in a carton; one-half dozen in a case. 

One-fourth dozen in a case.

Chonner Nes



#### STERLING CHOPPER PARTS

	Chopper Nos.		10	20	30	40
	1 Coarse cutter plate I	Cach	\$ .06	-08	.10	-12
	2. —Medium cutter plate	44,	-06	.08	-10	.12
	3. —Fine cutter plate	4.1	-06	.08	-10	.12
	4. —Pulverizing cutter plate		-08	.10	-12	
	5. —Main body	17	-65	.75	1.00	1.40
	6. —Feed screw or forcer	**	-25	.30	-40	.55
	7. —Cutter plate screw	4.4	-10	.11	-12	.14
No.	8. —Crank screw		-06	.06	-08	.10
	9. —Crank complete		-20	.25	-30	.40
No.	10P.—Clamp screw and washer	-00	-10	.12	.15	-18

Repair parts not carried in stock; shipped from factory direct.

### STERLING STUFFING ATTACHMENTS

Sterling stuffing attachments. Spun brass, nickel plated. Thread on end of barrel of machine fits in end of attachment when rigged up with three tooth cutter plate and thumb nut.

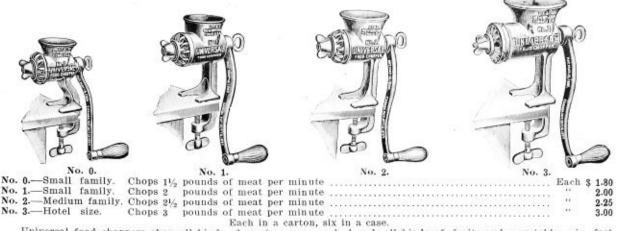
No.	20A.—For	use	on	No.	20	Sterlin g	chopper		Per dozen	\$ 4.50
No.	30A.—For	use	on	No.	30	Sterling	chopper	*******	**	4.50
No.	40A For	use	on	No.	40	Sterling	chopper			5.40

Stuffing attachment not furnished for use on No. 10 chopper.

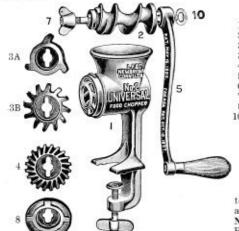
4.50



### UNIVERSAL FOOD CHOPPERS



Universal food choppers chop all kinds of meat, raw or cooked and all kinds of fruits and vegetables—in fact everything that is ordinarily chopped in a chopping bowl—into clean-cut, uniform pieces, fine or coarse as wanted without squeezing or mashing and with great rapidity. Furnished with cutters, coarse, medium, fine and nut butter grinder. UNIVERSAL CHOPPER PARTS

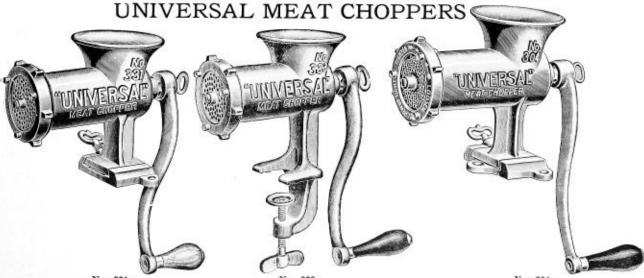


	Chopper Nos.		0	1	2	3
1	Body	Each	8 .75	1.00	1.00	1.50
2	Forcer		-35	-50	.50	-60
3A	Coarse Grinder	**	-15	.15	.15	.25
3B	Medium Grinder	**	-15	.15	.15	.25
4	Pulverizer	**	-15	.15	.15	.25
5	Crank	4.4	-20	.25	.25	.30
6	Clamp Screw	44	.13	.13	.13	.20
7	Thumb Nut	4.4	.10	.10	.10	.10
8	Nut Butter Grinder	4.4	2.5	.20	.20	
0	Crank Thumb Screw	41	-10	.10	.10	.10
	STUFFING AT	TAC	HME	NTS		



Seamless brass tubing, nickel plated. Rig the machine with the three tooth cutter and thumb nut, put the stuffing attachment right over these and screw it on to the end of the machine and all is ready. Nos.

Per dozen Stuffing attachments not furnished for smaller sizes.



No. 331. No. 333. No. 304. 

tion. Nos. 331 and 304 can be removed from the table without unscrewing the base plate. Nos. 331 and 333 six in a case; No. 304 three in a case.

### DANA FOOD CHOPPERS





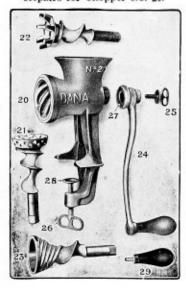




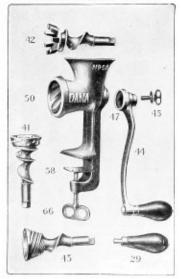
No. 20.—Small family. Chops 1½ pounds per minute. Weight 3¾ pounds	Each				
No. 40.—Medium family. Chops 2 pounds per minute. Weight 4% pounds	***	1.50 2.00 2.50			
No. 60.—Hotel or restaurant. Chops 21/2 pounds per minute. Weight 8 pounds					

The Dana food chopper is furnished with 3 rotors each, sufficient to chop to whatever size desired, meat of all kinds, raw or cooked as well as fruits and vegetables of all kinds. Will also grind coffee. Strongly built, for clamping to table and the rotor style of cutter makes grinding easy.

#### Repairs for Chopper No. 20.



Repairs for Chopper No. 50.

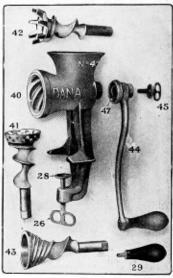


### DANA FOOD CHOPPER PARTS

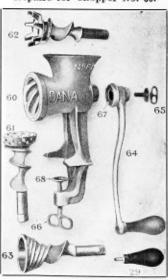
Repairs for Chopper No. 20.	Each
No. 20 Shell with clamp screw and	Bach
washer	\$ 1.05
No. 21.—Meat rotor	.60
No. 22.—Vegetable rotor	-50
No. 23.—Pulverizing rotor	
No. 24.—Crank complete	50
No. 25.—Crank adjusting screw	-40
No. 25.—Crank adjusting screw	-10
No. 26.—Clamp screw	.15
No. 27.—Crank washer	.15
No. 28.—Clamp washer	.10
No. 29.—Crank handle and rivet	.10
Repairs for Chopper No. 40.	327 (6)
	Each
No. 40 Shell with clamp screw and	
washer	\$ 1.45
No. 41.—Meat rotor	-65
No. 42.—Vegetable rotor	-55
No. 43.—Pulverizing rotor	-55
No. 44.—Crank complete	.40
No. 45.—Crank adjusting screw	.10
No. 26.—Clamp screw	.15
No. 47.—Crank washer	-15
No. 28.—Clamp washer	.10
No. 29 Crank handle and rivet	.10
	.10
Repairs for Chopper No. 50.	

	repairs for enopper No. 50.	Each
No. I	50 Shell with clamp screw and	Bech
1000	washer	8 1.75
No. 6	11.—Meat rotor	-65
No.	2Vegetable rotor	-55
	43.—Pulverizing rotor	-55
	4.—Crank complete	-40
	5Crank adjusting screw	.10
	66.—Clamp screw	-20
	47.—Crank washer	.15
	58.—Clamp washer	
No. 6	29.—Crank handle and rivet	-20
1405 2	55.—Crank handle and livet	-10
	Repairs for Chopper No. 60.	
	repairs for enopper No. 60.	Each
No. 6	60 Shell with clamp screw and	Lacu
1101	washer	0.00
No 6	51.—Meat rotor	
No. 6	2.—Vegetable rotor	-80
No. 6	Dulyonining notes	.70
No. C	3.—Pulverizing rotor	.70
No. 6	54.—Crank complete	-50
No. E	55.—Crank adjusting screw	-15
No. 6	66.—Clamp screw	-20
	57.—Crank washer	-20
	58.—Clamp washer	.15

Repairs for Chopper No. 40.



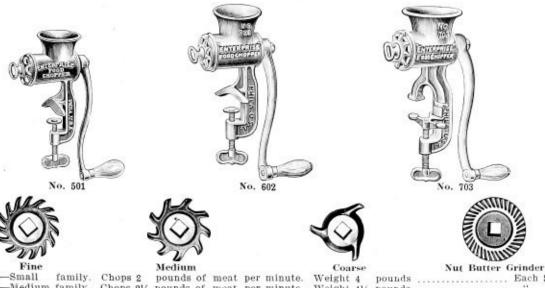
Repairs for Chopper No. 60.





### FOOD CHOPPERS

ENTERPRISE



No. 501.—Small family. Chops 2 pounds of meat per minute. Weight 4 pounds Each \$ 1.25
No. 602.—Medium family. Chops 2½ pounds of meat per minute. Weight 4½ pounds 1.50
No. 703.—Large family. Chops 3 pounds of meat per minute. Weight 4½ pounds 1.50

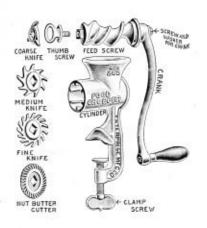
\*\*Chops 3 pounds of meat per minute. Weight 4½ pounds 2.25 Nos. 501 and 602, each in carton, 12 in case; No. 703, six in case.

Enterprise food choppers heavily tinned. Four knives furnished with each as illustrated above. The fine knife

will be found valuable for chopping sausage, mince meat, hamburg steak, croquettes, etc. The medium knife for chopping scrapple, codfish, corn for fritters, scrap meat, etc. Coarse knife for hash, chicken and lobster for salads, vegetables of all kinds etc. Nut butter grinder for making butter from nuts of an oily nature.

### PARTS FOR ENTERPRISE FOOD CHOPPERS





Nos		501	602	703
Cylinder	Each \$	-50	.75	1.25
Feed Screw	66	.40	-50	.75
Crank		.30	.30	-30
Crank screw and washer	4.4	.10	.10	.10
Clamp screw	**	.20	-20	.20
Cross Bar	**	.10	-10	.20
Knife (any style)		.10	.10	-15
Thumb screw		.15	-15	.15

#### ENTERPRISE STUFFING ATTACHMENTS



Stuffing attachment with corrugated spout. Fit the chopper with coarse knife and thumb screw and over these screw attachment to the end of cylinder. 703A ..... 501A 602A 6.50 \$5.50 5.50



		1000			
No. 16.—Small.	Chops 1	lb. per	minute	Each	\$ 2.17
No. 20.—Family.	Chops 2	lb. per	minute	**	2.75
No. 22 Medium.	Chops 21/2	lb. per	minute	**	3.08
No. 24.—Large.	Chops 3	lb. per	minute	41	4.17
Each	in errton	Six in	a case.		

The Gem chopper is nicely tinned, is self-cleaning and self-sharpening. With 5 steel cutters covering a wide range of usefulness.

#### GEM STUFFING ATTACHMENTS



Gem	stuffing	attachments.	Nickel-plated.	
Nos			22A	24A
Per dozen			\$ 5.00	5.00

### FRUIT AND LARD PRESSES

#### ENTERPRISE



Enterprise. Cast iron. Japanned and neatly decorated. Sausage stuffer, lard and fruit press. The iron cylinder is bored through. The tin cylinder has lips enabling operator to remove hot cracklings with little or no inconvenience. Patent latch prevents breakage of plates. No hot iron cylinder to handle when pressing lard. Patent corrugated spout prevents air entering the casing thus assuring the preservation of sausage. Screw movement.

Nos	15	25	31	35
Quarts	2	4	6	8
Each	\$4.50	5.50	6.25	7.00

No. 15, six in a case; others, one in a case.

#### NATIONAL



National. Cast iron. Japanned frame, striped and neatly decorated. Removable cast iron cylinder. Makes cleaning easy. Screw movement. The cylinder fitted with hand holes for convenience in using. Combined sausage stuffer, lard press and fruit press. Substantially built throughout and possessing features not found in the other makes.

Nos	4	6	8
Quarts		6	8
Each	\$ 5.50	6.25	7.00

One in a crate.

#### PARTS FOR ENTERPRISE PRESSES



#### UNIVERSAL

.10

.10

.10



Universal. Made entirely of steel. With ball bearings. Japanned and neatly ornamented. For pressing fruit or lard or stuffing sausage. The bowl is made from a single piece of sheet steel drawn up in dies, thus insuring absolute uniformity of size and permitting a close fit between the sides of the plunger plate and the cylinder.

Nos	44	66	88
Quarts	4	6	8
Each	\$ 5.50	6.25	7.00

One in a case.



### PRESSES AND STUFFERS

#### CLASSIC



Classic. Very heavy and strong. All parts subject to strain are made of steel. The cylinders are of heavy tin. All parts tinned. A substantial press for fruit or lard at a popular price.

Nos	1	2	3
Quarts	2	4	10
Each	\$ 2.00	4.00	6.00





No. 34.—Enterprise. Combination fruit, wine and jelly press. Tinned. Hopper holds 1 quart. The dryness of the pulp or refuse can be regulated by the thumb screw at the outlet. Its principle is simple, is easily operated, and saves all re-handling. Weight 12½ lbs. Each \$ 3.50

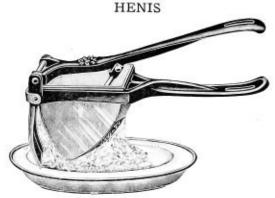
Six in a case.



Silver. Japanned iron frame 11 in. in length. Perforated removable tin strainer cup 3½ in. in diameter and 3 in. deep. Swinging plunger plate. Heavy hinged joint. Strongly built throughout. For pressing fruits, mashing potatoes, etc.

Silver ...... Per dozen \$ 4.00

Three dozen in a case.



Henis. Wrought steel frame, 11 in. in length, tinned.
Perforated tin cylinder 3x3½ in. at top, V-shaped. Plunger plate of steel attached to swinging handle. For pressing fruits of all kinds, vegetables, etc.

Henis Per dozen \$ 4.00

Three dozen in a case.

### PERRY SAUSAGE STUFFERS



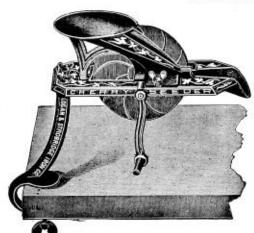
Perry pattern sausage stuffers. Cast iron cylinder and lever handle, black Japanned. With heavy tin stuffing spout.

No. 1.—Family size, Japanned Per dozen \$ 15.00
No. 0.—Butchers size, extra large. Japanned 21.00

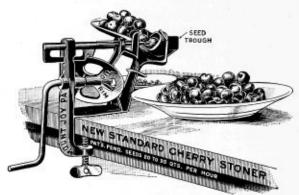
One-half dozen in a case.

"STERUNG BRAND FOR QUALITY STANDS"

### CHERRY SEEDERS



No. 2.—Brighton. Cast iron, bronzed finish. Clamps to table. With crank and large hopper and wheel. Original in design and substantially built. Each in carton .......Per dozen \$ 9.00 One dozen in a case.







No. 18.—Enterprise. Tinned.
With regulating device adjusting to different sizes of cherries ...... Per dozen \$ 18.00
Two dozen in a case.



## NIP-IT

STRAWBERRY HULLER





## PINEAPPLE CLIPS



### FRUIT EYERS



Peerless.—Fruit and vegetable eyer. Cold rolled steel. Hardwood handle. Removes the eyes and cores from pineapples; cores from apples and pears, eyes from potatoes, etc. Per dozen \$ 1.70 One dozen in display carton.



### APPLE PARERS



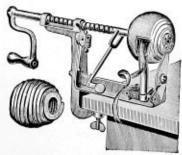
No. 78.—Reading. Cast iron frame and gears. 6½ inch gear wheel with curved bearing blade. Automatic push-off. Easy to operate. Clamps to table. Each in carton . . . . . Per dozen \$ 13.50

One dozen in a case.



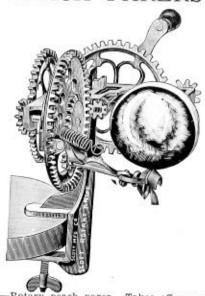
No. 98.—Turntable. Pares the whole apple including the end. Frame is one piece. Gears are above the parings and juice. Automatic push-off Each in carton . . . . . Per dozen \$ 13.00

One dozen in a case.

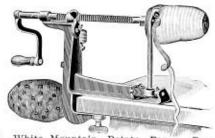


One dozen in a case.

### PEACH PARERS



### POTATO PARERS



### POTATO CHIPPERS



No. 25.—Saratoga Potato Chipper. Potatoes of any size and shape are thoroughly trimmed and pared, all eyes and hollow places cleaned out, the potato sliced to the proper thickness and every slice exact. . . . . . . Per dozen \$ 15.00 One dozen in a case.

"STERUNG BRAND FOR QUAUTY STANDS"

### MOUSE TRAPS



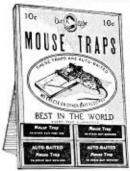
Joker.—Wood block. Coppered wire spring and jaw. One dozen in a box . . . . . Per dozen \$ .50



Dead Easy.—Wood block, oil stained. Hole under trigger for easy setting. One dozen in easel back display box ................ Per dozen \$ .80



O. K.—Wood block. Pedal under block. Steel spring. Flat steel jaw. One doz. in a box. Doz. \$ .80











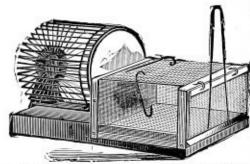
E. Z. Ketch.—Galvanized steel block. All metal.

Easily cleaned from all odors ...... Per dozen \$ .80



No. 05.—Tin Choker. All tin. 5 holes Per dozen \$ 1.50 One dozen in a bundle.





Toy.—Wood base, with square cage and revolving wheel ........ Per dozen \$ 2.40

One-half dozen in a package.



Household.—Wood box. Metal trimmed. Selfsetting ........... Per dozen \$ 2.40 One-half dozen in a package.



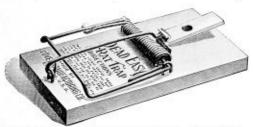


Nos. 2 3 4 5
Holes 2 3 4 5
Per dozen \$ .60 .90 1.20 1.50
One dozen in a bundle.



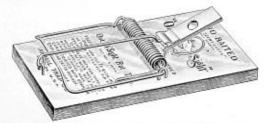
### RAT TRAPS



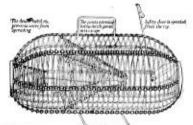


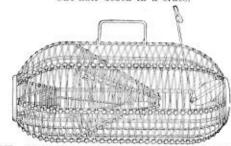
Dead Easy.—Wood block, oil stained. Coppered wire spring and jaw ............... Per dozen \$ 1.50 One dozen in a box.



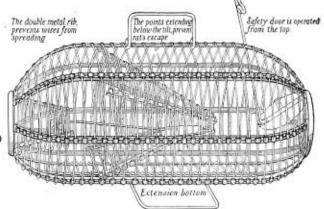




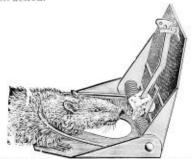




No. 2H.—Hold 'Em. 18 in. long, 9½ in. wide and 7½ in. high. Lacquered. Metai ribbed. Dozen \$ 8.00 One-half dozen in a crate.



Hold 'Em rat traps all fitted with safety door perfectly secure when locked. Nose provided with steel flange into which tilt rests giving double protection against escape. Securely braced with metal rib—the ideal construction.



No. 20.—Rat Killer. All steel, folding joint. Easy to set. Sure death to the rat . . . . . Per dozen § 3.00 One-half dozen in a box.

### METAL POLISH



Sterling polish possesses every quality of advantage in a high grade cleaner and burnisher. Positively will not scratch or injure the finest metal and contains nothing harmful to the hands. Will not leave deposits in the crevices and corners nor deface wood work or other material with which it comes in contact.

Polishes brass, nickel, zinc, tin, steel, in fact any metal, and produces the most durable lustre possible to obtain.

#### SOLARINE METAL POLISH.

Solarine liquid metal polish is strictly high grade. Free from grit, acid or poisonous ingredi-ents. Will not injure the most delicate surfaces. Polishes metals of all kinds. Useful about the kitchen. Solarine Metal Polish.

Sterling	Metal	Polish.				

			j							No. 0.—1/6 pt. cans Per do	zen \$ 1.50
No.	101/4 pt. cans.	3	dozen	in	a	case.	Per doz.	S	1.20	No. 1.—1/2 pt. cans	3.00
	251/2 pt. cans.								3.00	No. 2.—1 pt. cans "	5.00
									170000	No. 3.—1 qt. cans "	9.00
No.	35.—1 pt. cans.	3	dozen	in	a	case.	**		4.50	No. 4.—1/2 gal. cans	16-80
No.	501 qt. cans.	2	dozen	in	a	case.	44		6.75	No. 5.—1 gal. cans	27.00
No.	125.—1 gal. cans.	1/2	dozen	in	a	case.	**		16.20	Nos. 0, 1, 2 and 3, one doz.; 4 and 5, 1/2 doz.	n a case.



#### ARCO SPOTZOFF.

Arco Spotzoff. Removes tarnish, spots and stains instantly and with wonderful ease and rapidity. Imparts the brightest lustre. Uniform in quality-a polish for the home, store, garage and general commercial use.

#### MEYERS' PUTZ CREAM.

Putz cream. A liquid polish for metals of all kinds. Made of the very best oils and contains no acid. Works on metals hot or cold, signs, railings, show cases, etc., producing a lasting polish.



			- 0	Arc	o Sp	ootz	of	r.		
No.	011/2	pt.	cans.	2	doz.	in	a	case.	Per dozen	\$ 2.70
No.	021	pt.	cans.	2	doz.	in	a	case.		4.50
No.	031	qt.	cans.	1	doz.	in	a	case.	44	8.00
No.	041/2	gal.	cans.	1/2	doz.	in	a	case.	44	12.00
No.	05.—1	gal.	cans.	1	doz.	in	a	case.	**	19.20

pt qt gal	cans. cans. cans. cans. cans.	1 1/2	doz. doz. doz.	in in in	a a a	case. case.	44	\$ 2.70 4.50 8.00 12.00 19.20	.00
		_					7	10.20	



Keystone Polish.

Keystone Paste copper polish. Designed for use in the engine room, about public buildings, cafes, etc.

No.	2401 pound boxes	Per	dozen	\$ 4.50
No.	80.—Box containing 61/2 pounds		Each	1.50



Winterton Metal Polish. Crimson color paste. Specially made for factory use. Cleans and polishes all metals. No. 75.—3 ounce boxes ...... Per dozen \$ 1.50 No. 300.—1 pound boxes ....

No. 120.—5 pound buckets ..... Each 2.40 STERUNG BRAND FOR QUALITY STANDS



### STOVE POLISH







No. 75

Per dozen \$ 1.12 .68

Six in a case ... Each No. 12.—Black Flag Liquid. Brilliant jet black. 12 ounce can. No dust or odor. Three dozen in a case. Dozen 1.20







No. 20 ... Per dozen \$ 1.80 1.20 1.80 1.12 Each Black Silk is a brilliant jet polish. Will not dry out or rust the can.

### IRON ENAMEL







Peerless

.Per dozen \$ 2.25

One dozen in a case :. 6-5-4.—Lustrous black enamel, moisture proof. 1/2 pint friction top cans. Useful in countless home. Equally good on iron or wood. Three dozen in a case ...... .... Per dozen 2.70

"STERUNG BRAND FOR QUALITY STANDS"



### SHOE POLISH

#### BLACKOLA



One dozen in a box.

#### TWO IN ONE



Two-in-One.—Shoe polish. Contains no turpentine or acid and does the work of liquid and paste combinations. Does not soil clothing. Apply with dauber, brush or soft cloth. Per dozen \$ 1.20 One dozen in a box.

### HAND CLEANER



### SILVER POLISH



Three dozen in a case.

### WALL PAPER CLEANER



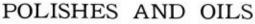


CLEVELARBUIL

Climax.—Makes old wall paper look like new.
A putty-like substance pink in color and ready
for instant use. Will not deteriorate in stock.
In slip cover cans containing 1 lb. Per dozen \$ 1.20
Three dozen in a case.











No. 25 Rub-On Varnish. Spreads on like oil and dries quickly. Makes varnishing easy. Renews original finish and restores faded colors. For furniture, woodwork, floors, linoleum, leather, frames, etc.

Free from stickiness. Rub on with a cloth. No. 25.—½ pt. cans. One dozen in display box. Per dozen \$ 3.00 No. 85.—1 qt. cans. One dozen in a case .... " 10.20 36.00 No. 200 .- 1 gal. cans. One-half dozen in a case

STERLING OIL

#### STERLING OIL.

The perfect household lubricant. all parts of the sewing machine-bearings, treadle, shuttle, hand wheel, etc. Just the thing to use on the clock-reaches the most minute joints and bearings. Lubriates perfectly the talking machine. Makes the lawn mower run noiselessly. Reaches every action point of the gun or revolver. In fact, it has been prepared for use on the finest and most delicate machinery and will be found to fill the requirements much more satisfactorily than any other lubricating agent.



id Veneer. A superior Cleans and renews the Liquid Veneer. worn furniture. Makes pianos, fine woodwork, carriages, automobiles, etc. look like new. Cleans, disinfects and veneers.

No. 4 .- 4 ounce bottles. One dozen in a case ...... Per dozen 3.00 No. 12 .- 12 ounce bottles. One dozen in a case ...... Per dozen 6.00

#### STERLING OIL.

Made only from the highest grade materials, properly blended to produce a superior lubricating oil. Will serve as a preventive of rust as well as brightening and renewing the finish of rusted articles. Will not gum or become hard and never becomes rancid. Wherever light machinery is in use-on the farm, in the factory, about the automobile. motor boat, etc., Sterling Oil will always give satisfaction. Put up in attractively labeled combination spout and screw cap cans containing a full half pint.



THE REVERSIBLE SPOUT IS IN THE CAN

No. 2C



CLEAKS FOLLSWES

LUBRICATES PREVENTS RUST

SPOUT

Three-in-one oil. Cleans, polishes, prevents rust and lubricates shot guns, rifles, bicycles, sewing machines, etc. Removes burnt powder and prevents leading and pitting in shot guns.

No. 1 .- Small size. 2 dozen in a box. Per dozen \$ 1.20 2.70

No. 2.—Large size. 1 dozen in a box No. 3.—Factory size. 1 dozen in a box 6.00

No. 2B Many use oil. Made of several oils blended at the right heat to make it thick enough not to dry out and thin enough not to gum. Cleans, polishes, lubricates and prevents rust.

0

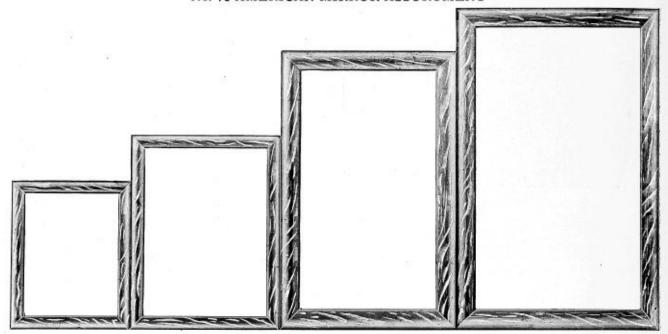
No. 2C .- 2 oz. spout cans, reversible. One dozen in a box ..... Per dozen \$ 1.20 No. 2B .- 2 oz. bottles. 1 dozen in a box.

"STERUNG BRAND FOR QUALITY STANDS"



### **MIRRORS**

### No. 16 AMERICAN MIRROR ASSORTMENT



Frame made of imitation oak moulding, well finished and fitted with best quality American shock. The assortment contains all told 12 mirrors—best selling sizes. The dimensions given are the glass measurements.

No. 16.—Assortment. Contains 12 mirrors assorted as below

4 mirrors 8x10 in., 1 in. moulding; retail at 25c.

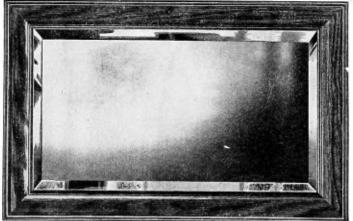
2 mirrors 10x14 in., 1½ in. moulding; retail at 50c.

2 mirrors 10x14 in., 1½ in. moulding; retail at 50c. 2 mirrors 10x17 in., 1½ in. moulding; retail at 65c. 4 mirrors 9x12 in., 1 in. moulding; retail at 40c.

One assortment in a case.

Frame made of imitation oak moulding, well finished and fitted with best quality American shock. Packed in cases containing 1/2 dozen of a size. We do not break cases.

	1	inch M	louiding	•			11/2	Inch M	fouldin	g.		
Nos. Inches Per dozen\$	68 6×8 2-40		3.20	4.00	4.80	Nos	9x12 \$ 5.00	10×14 6-00	10x17	1218½ 12x18 8.00	12x20	14x24



v.	1000 - 0	nu oak	mo	urarng.	Plain p	late g	ass.	535 miles	17786
NO.	1006 6x 8 i	nches.	1	inch	moulding		Per o	lozen	\$ 6.0
No.	1008 8x10 i	nches.	1	inch	moulding		44		9.6
No.	1010.—10x14 i	nches.	11/2	inch	moulding		44		16.8
No.	1012.—12x18 i	nches.	11/6	inch	moulding		44		30.0
		One	hal	f doze	n in a case	e.			00.0
	So	lid oak	mor	ulding.	Beveled	plate	glass.		
No.	1012B.—12x20	inches.	2	inch i	moulding			Each	\$ 3.50
No.	1014B.—14x24	inches.	2	inch 1	moulding			46	5.00
	White	enamel	ed	frame	. Bevele	1 plate	glass	H.	
No.	10114.—14×24	inches.	2	inel	n mouldin	g		Each	9 5 00
No.	1011616x20	inches.	2	inel	n mouldin	g		11	5.50
No.	10128 16×28	inches.	21	6 incl	mouldin	g		44	7.00



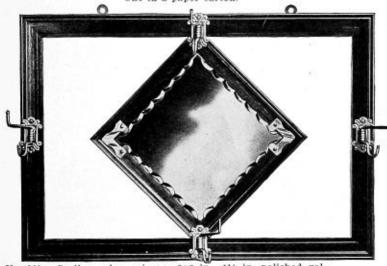
Polished oak fram edge mirror.	ne, 11/2	inches.	Scallop
No. 987 7x 9 inches	s	Per dozen	\$ 10.00
No. 988.— 8x10 inches	S	**	12.00
No. 989.— 9x12 inches	8	44	15.00
No. 981010x14 inches	В	**	19.20
No. 9817.—10x17 inches	B	41	24.00
No. 9818.—12x18 inches	8	44	30.00
No. 9820.—12x20 inches	8	44	36.00
No. 9822.—13x22 inches	В	44	40.00
No. 9824.—14x25 inches	В	**	48.00
One-half doz	en in	a case.	20.44



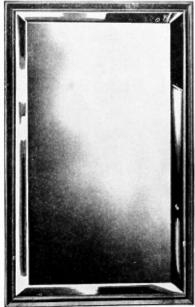
### **MIRRORS**



	White enamel	led fram	es, v	veli ni	nished. E	seveled	Fren	ch m	irrors
No.	18412 12x20	inches.	1	inch	mouldin	g		Each	\$ 5.50
No.	18416 16x24	inches.	1	inch	mouldin	g		4.4	8.00
No.	18612 12x20	inches.	11/2	inch	mouldin	g		**	6.50
No.	18616 16x24	inches.	11/2	inch	mouldin	g			8.50
No.	18618 18x30	inches.	11/2	inch	mouldin	g		**	11.00
No.	18316 16x24	inches.	3	inch	mouldin	g		**	9.00
No.	18318.—18x30	inches.	2	inch	mouldin	g		4.4	12.00
		On	e in	a pape	er carton				

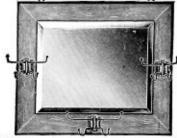


No. 268.—Scallop edge mirror, 8x8 in. 1½ in. polished golden oak moulding. Extreme outside size 17x24 inches. With 4 brass single folding hooks. ...... Each § 3.00



German silver frames, ¾ inch round fitted with beveled plate mirrors.

No.	19012	-12x20	inches		Each	\$	7.00
No.	19016	-16x20	inches		44	-	9.00
No.	19024	-16x24	inches		44		10.00
No.	19018	-18×30	inches		44		13.00
		One	in a ca	rton.			



Polished oak frame, 3 in wide. 3 brass double folding hooks. Beveled French mirror. Oae in a case.

	26012				\$ 3.5
No.	26014	-14×14	inches	 **	4.0
	26010				3.5
No.	26020	-12×20	inches	 44	5.5
	26024			44	8.0









No. B946 No. B1

No. B1046

No. B114

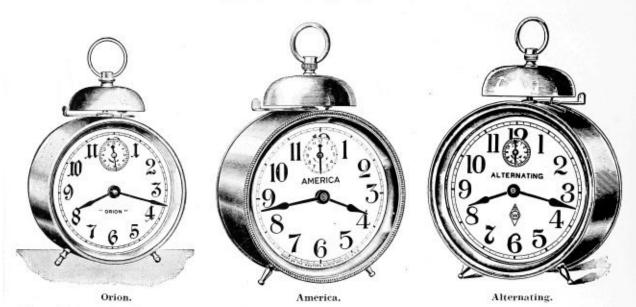
No. B1244

STERUNG BRAND FOR QUALITY STANDS"



2.00

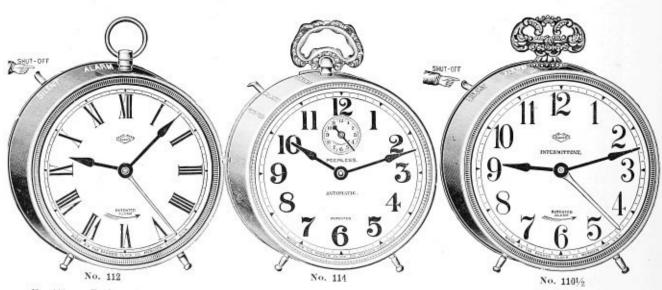
### ALARM CLOCKS



Orion.—Dial 4 inches. Height 6½ inches. Nickel-plated. Seamless brass case 4½ inches. With 2¼ inch bell on top. Switch for stopping alarm. Alarm set by small dial on the face. Figures in Arabic. ... Each § 1.26

America.—Dial 4 inches. Height 6½ in. Nickel-plated. Dustproof brass case 4½ in. With nickel-plated bell on top. With patent shut-off under gong. Alarm set by small dial on the face. Figures in Arabic. Each 1.20

One in a box.



No. 112. —Dial 4½ in. Height 5½ in. Nickel-plated heavy brass dust-proof case. 4 in. nickel-plated gong on back. Long alarm with shut-off. Equipped with Parker perfect escapement. Springs are hung outside of plates and are easily replaced without disturbing the train or dial work. Figures in Roman ...... Each § 1.80

One in a box.



### ALARM CLOCKS







Tattoo.

Sterling.

Octagon.

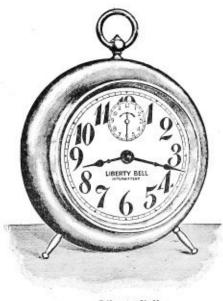
Tattoo.—Dial 4 inches. Height 61/4 inches. Seamless brass nickel-plated case with knurled front. With 4-inch bell metal gong on back. Rings intermittently every 20 seconds for 15 minutes. The alarm can be stopped at will by means of patent switch. Figures in Arabic ...... Each \$ 2.20

Sterling.—Dial 2½ inches. Height 5¼ inches. Cast iron oxidized copper case. 2-inch gong on bottom. With patent shut-off. Alarm set by dial on back. A good time keeper with a loud ringing alarm. Practically indestructible. Figures in Arabic..... Each 1.75

2.00

One in a box.







Junior Tattoo.

Liberty Bell.

Globe Victory.

3.00

Junior Tattoo .- Dial 2 inches. Height 3 inches. Seamless brass nickel-plated and knurled front case 21/4 inches in diameter, 2-inch bell metal gong on back. Rings intermittently every 20 seconds for 5 minutes. With alarm or silent switch. Figures in Arabic..... Each § 2.30

Globe Victory .- Dial 4 inches. Height 8 inches. 4-inch nickel-plated gong on back. Oval brass nickel-plated case. 8 day time and alarm. After being adjusted will ring at the same time each morning (without attention) for seven days. A substantially built clock useful and ornamental. Figures in Roman. Each 4.00

One in a box.

### MANTEL CLOCKS

#### CAMDEN ASSORTMENT







#### NORWICH ASSORTMENT







Norwich.—Oak or dark wood. Height, 25 inches. Width, 15½ inches. Dial, 6 inches. This line has deeply carved case, unique in design and handsome in appearance. 8 day mantel clocks. Guaranteed as to time-keeping qualities. A superior line at a popular price. Strike on the hour and half-hour on wire bell strike. Three with alarm attachment. Three plain strike. Packed four oak and two dark wood in case.

Per case \$ 24

#### MISSION ASSORTMENT



Los Santos 13½x12½ inches



Los Alamos 141/4×113/4 inches



Los Barrios 13½x11½ inches

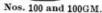
Mantel Mission Cabinets.—Flemish Oak finish. 6-inch dial. Raised polished brass figures and hands. Entirely new departure in mantel clocks. New in design. Neat and attractive in appearance. 8 day, with half-hour and hour cathedral gong strike. Packed three in a case, one each pattern as illustrated. Per case \$ 16.00

Above clocks sold only in assortments as noted.

# WATCHES

INGERSOLL







Nos. 150, 150GM and 150G.



JUNIOR.

Nos. 200, 200GM and 200G.



MIDGET.

Nos. 0200, 0200GM, and 0200G.

Yankee. Stem wind and set. White Porcelite dial. Snap back and bezel. Dust-proof, 16 size. Weight complete 

Eclipse. Stem wind and set. Solid nickel case. White Porcelite dial. Snap back and bezel. Dust-proof, 16 size.

Between Yankee and Junior in thickness. Every watch tested, timed and regulated. Guaranteed by the maker to the

No. 150. —Eclipse. Nickel. 19.00 19.00 Junior. Stem wind and set. Solid nickel case. White Porcelite dial. Snap back and bezel. Dust-proof. 12 size. Thin model. Every watch tested, timed and regulated. Guaranteed by the maker to the consumer.

Midget. The "Lady Ingersoll". New Model with second hand. Stem wind and set. Solid nickel case. White Porcelite dial. Snap back and bezel. Dust-proof. A trifle smaller than the regular 6 size. Every watch tested, timed and regulated. Guaranteed by the maker to the consumer.

No. 0200GM.—Midget. Gun metal. White Porcelite dial. 6 size .....

25.00 No. 0200G. —Midget. Gold plate. White Porcelite dial. 6 size ......



RAILROAD.



No. 87.



DEFIANCE.

Nos. 0100 and 0100GM.



UNIVERSAL.

No. 41.—Railroad. Stem wind and pendant set. High grade American watch with fine jeweled movement. 3 oz. oz. Silverode screw back and beveled case. Dust and moisture-proof. 18 size. Handsome raised gold 

oz. silverode screw back and beveled case. Dust and moisture-proof. 18 size. Handsome raised gold ..... Each \$ 3.75

No. 125 .- Universal. Holder finished in nickel, gun metal, burnished copper or old brass. (Specify which is

"STERUNG BRAND FOR QUALITY STANDS"

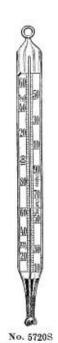


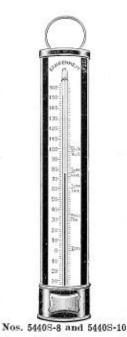
# THERMOMETERS

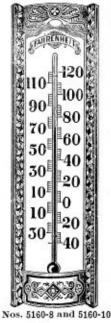


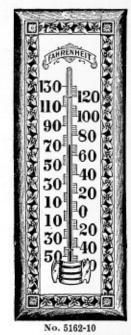
No. 5160-8.

No. 5162-10. -10-inch.





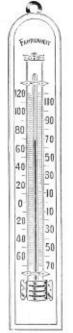




Per dozen \$ 2.40 3.00 2.40 No. 5440S-8. - 8-inch. 3.00 No. 5440S-10.-10-inch. 2.70 8-inch. No. 5160-10. -10-inch. 3.50 4.00

All above one dozen in a box.

Cottage BAROMETER 50 20









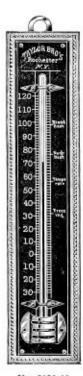


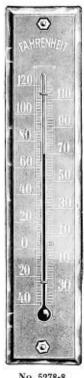
No. 5376.		No. 5140W-7	No. 5140S-7	No. 5154S-8	No. 41M	
No. 5376. — 9-inch.	Cottage Barometer.	Lithographed.	Thermometer and	storm glass. Spiri	t tube. Dozen	\$ 4.00
No. 5208-8. — 8-inch.	Boxwood scale, Po	lished face and s	ides. Mercury tube	, easy reading	Per dozen	4.00
No. 5140W-7.— 7-inch.	Birchwood back, si	lvered scale. Men	cury tube, easy rea	ding	64	4.00
No. 5140S-7. — 7-inch.	Walnut back, oxidi	zed scale. Spirit	tube, easy reading		**	4.00
No. 5154S-8 8-inch.	Coppered metal cas	e. Easy reading	scale. Spirit tube		44	8.00
No. 41M. —10-inch.	For high temperat	ures. Silvered so All above one d	cales. Graduated to	300° F	"	18.00

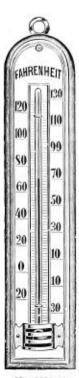


## THERMOMETERS













No. 5120-8

No. 5130-10

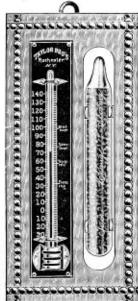
No. 5278-8

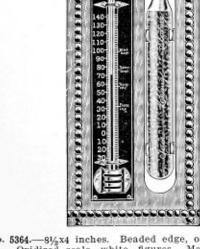
No. 5232-10

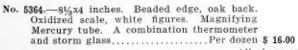
No. 5100-8

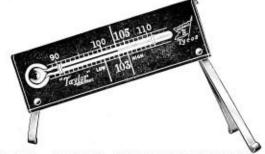
No. 5452-8

No. 5120-8. — 8-inch. Black oxidized scale, white figures. Oak back. Magnifying Mercury tube...... Per dozen \$ 9.00 No. 5130-10.—10-inch. Black oxidized scale, white figures. Beaded edge, carved oak back. Mercury tube 12.00 No. 5278-8. — 8-inch. Ground glass face, black figures. With arms for attaching. Mercury tube...... 16.00 No. 5232-10.—10-inch. Porcelain scale on oak back. Mercury tube..... 24.00 No. 5100-8. — 8-inch. High grade. Oxidized scale, white figures. Oak back. Magnifying Mercury tube 20.00 No. 5452-8. - 8-inch. Six's pattern. Registering. Black oxidized scale, black Japanned tin case. Registers the maximum and minimum temperatures reached in any given period. Complete with magnet. Each in wood case.....

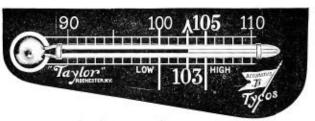








No. 5770 .- Incubator. Straight pattern, brass adjustable legs. Oxidized brass scale, white fig-



No. 5774.-Incubator. Angle pattern. Flange on upper edge turned over so as to hook on wire or metal strip. Oxidized scale, white 

All above one dozen in a box.

# **FAUCETS**





Eagle. Hardwood body. Leather lined. Metallic key. No. 21.—9 inches long. 1 dozen in a box. Per doz. \$ 4.00

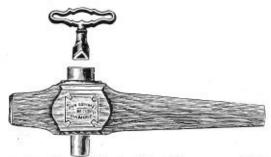


 Peerless.
 Maple wood body, highly polished.
 Leather lined.
 Best block tin key.

 No. 1.— 9 inches long
 Per dozen \$6.00

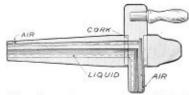
 No. 2.—12 inches long
 7.00

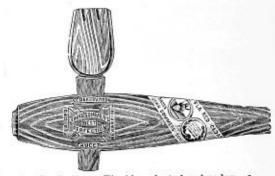
 One dozen in a box.



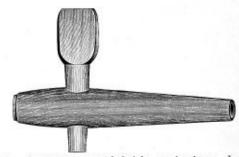
Lock. Hardwood body. Tinned iron removable key. Operated from top.

No. 60.—9 inches long. 1 dozen in a box. Per dozen \$ 4.50





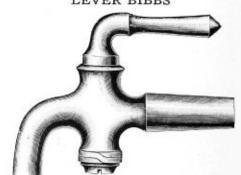
No. 31.—Perfection. Florida selected red cedar. 9 in. long. One dozen in a box. Per dozen \$ 2.20 No. 41.—Reg. cedar. 9 in. long. In bulk. " 1.50



#### PETROLEUM COCKS



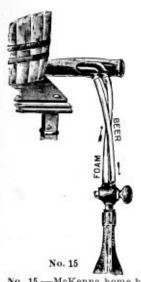
#### LEVER BIBBS



| Plain Bibbs. Lever handle. Tinned Shank. Finished | Nos. | 231 | 232 | 233 | 234 | 235 | Inches | 3/8 | 1/2 | 5/8 | 3/4 | 1 | Per dozen | \$ 21.60 | 22.80 | 30.60 | 36.60 | 51.00 | One-half dozen in a box. |



# HOME BEER BOTTLERS







The new way.

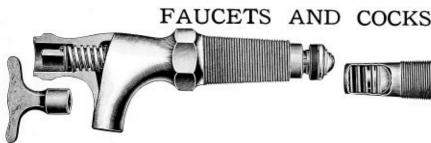
McKenna Home bottlers. Bottles beer under its natural pressure, retaining all the gas or spirit. Foam returns to the keg as shown in illustrations. No air vent is required. Designed especially for family use. Each in



No. 15.—McKenna	home bottlers	.Per	dozen	\$ 22.50
Part	s for McKenna Bottle	ers.		

No.	40Rubber corks or nipples	Per dozen.\$	.60
No.	24.—Short rubbers	"	-36
No.	84.—Long rubbers	44	1.26
No.	60 Bungs for single bottlers	"	9.00

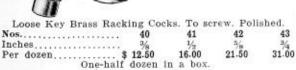
No. 30McKenna two-way bottlerPer	dozen	8	45.00
Rubber Beer Tubing.		-	
No. 1.— 5 plain white	100 ft.	\$	6.00
No. 2.—5 plain red	44		12.00
No. 3.— is cloth inserted, white	44		14.00
No. 4.—5 heavy wall red	14		14.00
50 feet in a box.			





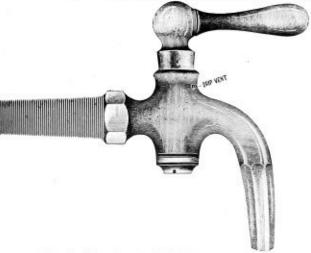
Improved loose key liquor faucet. Polished brass. Closes inside the barrel, no liquor remaining in faucet. No. 90.—¾-inch Each \$ 1.35 No. 100.—%-inch " 1.50 Burglar-proof loose key liquor faucet. Impossible to open without key and key cannot be removed without closing. German silver perforated cap on end. Brass, nickel-plated. Closes inside the barrel. No. 75.—7/8-inch ..... ..... Each \$1.30







Brass Racking Cocks. Tee handle. Drive Shank Finished. 13 14 Nos..... 12 11 3/4 1/2 Inches.... Box contains, dozen.... 13.00 18.00 27.00 Per dozen..... \$ 10.00



Bibb bottling faucet. Pelished brass. Fits any bottle  $\frac{1}{2}$  pint or larger. Hexagonal nozzle permits air to escape while drawing. Air vent prevents dripping after faucet is closed.

No. 34.—For 34-inch bit ...... "

STERUNG BRAND FOR QUALITY STANDS



# MOLASSES GATES

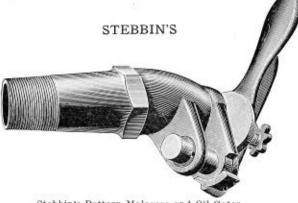
PERFECTION



ENTERPRISE

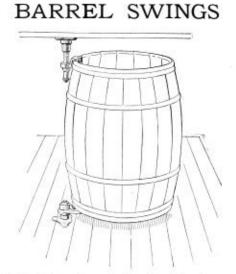


Scoville	Perfection	Molass	es G	ates.	Japan	nned.
Nos			52		53	54
Inches			1		11/4	11/2
Per dozen .			14.00	1	6.50	20.00
	One-ha	if dozen	in a	hox		

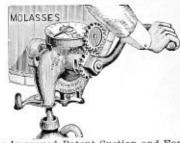


Stebbin's Pattern Molasses and Oil Gates.

Nos	2	3	4	5
Inside diameter, inches	7/8	11/4	13/8	11/2
Per dozen	\$ 8.00	9.00	10.00	12.00
One-hal	f dozen	in a box.		



Barrel swings. For swinging barrels under counters and shelves. Swings in very small space. The illustration shows method of attaching to barrel.



Enterprise Improved Patent Suction and Force Measuring Faucets. For molasses, thick oils, tar, etc. Each revolution of crank turns out a gill; four revolutions a pint; eight revolutions a quart, etc.

No. 61.—Tinned ...... Each \$ 3.50

# MEASURING PUMPS

MOLASSES

Enterprise. Self-Priming and Measuring Pump. For measuring molasses, heavy oils, tar and other thick liquids. With total registering device. Each revolution of the crank, pumps a gill; four revolutions a pint, etc., and the total registering device indicates quantity taken from barrel from time to time. Patent clamps operated by thumb screw, to fasten to barrel. Extreme length 54 inches. . .

# BUNG BORERS



Enterprise Improved Bung Hole Borer. Bores a complete round hole, regular taper and prevents chips from entering the cask. Round lip bit insures smoothness in boring.

Nos	1	2	3
Inches 5%	to 11/2	11/s to 2	11/2 to 3
Each	\$ 1.25	1.75	2.50

24.00



# MEASURES, SCOOPS AND BASKETS



McKim. Shell of best steel. Top edge double folded, making heavy chime.

Nos	2	4	8	16
Capacity	1/4 pk.	½ pk.	1 pk.	1/2 bu.
Per dozen	\$ 3.50	4-00	5.50	8.00





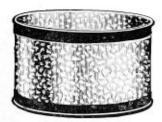
Cedar. Electric welded wire hoops. Will not shrink. Light and durable.

Nos	02	04	08	016	06	012
Capacity	1/4 pk.	1/2 pk	1 pk.	1/2 bu.	1/4 & 1/2 pk.	1/4&1 pk.
Per dozen	\$ 8.00	8.00	10.00	14.00	8.50	10.80



Japanned steel. Medium weight.

		mender arm more and		
Nos	20	40	80	160
Capacity	1/4 pk.	⅓ pk.	1 pk.	1/2 bu.
Per dozen	\$ 2.50	3.50	5.00	6.00



Sterling. Galvanized. Heavily wired and double seamed botom. Handsomely striped.

tom. Handsomely striped.				
Nos.	502	504	508	516
Capacity	pk.	½ pk. 6.00	1 pk.	1/2 bu
Per dozen \$	4-00	6.00	8.00	10.00



Bottomiess. Heavy galvanized steel. For filling and measuring into sacks or baskets. Nos. 402 404 408 Capacity 1/4 pk. 1/2 pk. 1 pk.

Per dozen..... \$ 12.00 18.00

Galvanized busner basket. Corrugated body and bottom, drop handles. Size 1734x111/2 inches.

No. 15.—Capacity 1 bushel...Per dozen \$12.00 One-half dozen in a bundle.

#### HERCULES GRAIN SCOOPS



#### GALVANIZED STEEL SCOOPS



Keystone scoops. Galvanized steel, maple heads and handles. For sugar or salt. 3 Nos.... 1 5 6 4 Capac'y, fbs. 11/2 21/9 31/ 41/ 51% Per doz ... \$ 3.00 4.00 4.80 6.00 7.20





# FAIRBANKS' STANDARD SCALES

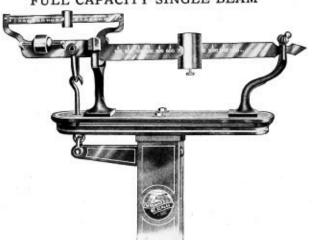
OBLONG WITH WHEELS



Adapted for the weighing of all kinds of general merchandise, the beams have sliding poises with set screws, and are graduated to 100 pounds by  $\frac{1}{2}$  pound divisions, except in the two smaller sizes which are 50 pounds by  $\frac{1}{2}$  pound.

	250	 Capacity.	Platform,	
Nos.		Lbs.	Inches.	Each
1130		 400x1/a	16x22	\$ 26.00
1128		 coow1/	16x25	33.00
1126		 000-11	17×26	38.00
1124		 4 000-17	18×27	43.00
1122		 * 000-11	20x28	49.00
1120		 	21x28	56.00
1118		 0.000-17	25×32	75.00
1116		 0.500-1/	26×34	85-00
		With bag r	n oly	
			16x22	\$ 29.00
1162				
1160		 600x1/4	16x25	
1158		 800x1/2	17×26	41.50
1156		 a analysis (	18x27	46-50
1154			20x28	52.50
1152			21x28	59.50
1150		 	25x32	79.00
1148		 0 F00v1/	26×34	89-00

#### FULL CAPACITY SINGLE BEAM



Full capacity single beam. Does away with loose weights and insures rapid and accurate weighing. Handsomely finished—brass parts nickel plated. Agate bearings in beam support. Graduated to ½ lb. marks only for all capacities and adapted to scales from 600 to 3000 lbs. capacity.

No. 12.—Full capacity beam. Extra list for any scale on this page fitted with this beam \$ 12.00

#### OBLONG WITH VIBRATORY AXLE



Adapted especially for weighing dry hides, light bar iron, or any articles which are likely to hang over the side of the scale. As it is raised on high wheels, any such articles will not touch the floor or the wheels. Beam weighs 100x½ lbs. Index counterpoise. Vibratory axles.

		Height of					
Nos.	Capacity, Lbs.	Platform, Inches.	Platform, Inches.		Each.		
1192 1190 1188 1186 1184	1,200x½ 1,500x½ 2,000x½ 2,500x½	18x27 20x28 21x28 25x32 26x34 31x40	15 16 16 17 17		57.00 65.00 77.00 90.00 102.00 135.00		



With Wheels.



# FAIRBANKS' STANDARD SCALES

IMPERIAL GROCERS'



Nickel Plated Double Beam. Capacity 250 pounds by 1 ounce. Platform 12x15 inches. The beam is placed at the level of the eye and has upper bar notched and graduated 11 pounds by 1 ounce; lower bar smooth and graduated 50 pounds by ½ pound. Loose weights provided for balance of capacity.

No. 505 With large tin scoop	Eac	h \$ 24.00
No. 507 With large brass scoop		
No. 509 With seamless tin scoop		25.00
No. 511 With weamless brass scoop	*********	27.00

#### EXPRESS PACKAGE



Express package, full capacity scale. Beam for rapid weighing. Finished in black, neatly ornamented. Platform 10½x12 inches in size. Capacity 55 pounds by 1 ounce. Accurate scale and a time saver.

No. 532.—With full capacity beam .........Each § 15.00

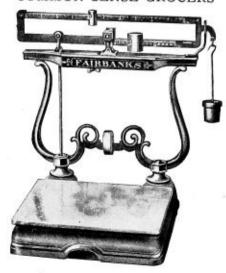
AGATE BEARING GROCERS' TRIP



Agate bearing grocers'. With brass funnel scoop and iron plate. Side beam. Finished in gilt and black.

iron plate. Side beam. Finish	ied in gilt and black.
No. E732ACap. 2 lbs. W	ithout wts Each \$ 14.50
No. E732AW Cap. 2 lbs. W	
No. E731ACap. 6 lbs. W	ithout wts " 16.25
No. E731AW Cap. 6 lbs. W	ith brass wts. " 21.75
No. E730ACap. 10 lbs. W	ithout wts " 18.75
No. E730AW Cap. 10 lbs. W	ith brass wts. " 27.50

COMMON SENSE GROCERS'



Common Sense grocers'. Elegant in design and beautiful in finish. Accurate, sensitive and durable. Metal platform finished in white enamel. Agate bearings throughout. Platform 16x12 inches in size. Capacity 50 pounds by 1 ounce.

No. 523.—With enameled platform .........Each \$ 50.00

#### UNION SINGLE BEAM



Union Single Beam. Capacity 30 pounds x  $\frac{1}{2}$  ounce in the scoop and 240 pounds x  $\frac{1}{4}$  pound on the platform. Platform measurements  $10\frac{1}{2} \times 13\frac{1}{2}$  inches.

					Each
No.	640.—Single	beam.	Tin scoop.	Victor	\$ 5.50
No.	500.—Single	beam.	Tin scoop.	Fairbanks	14.00
				p. Fairbanks	15.00

#### EVEN BALANCE



4.00

No. 171.—Japanned. Weighs 8 lbs. x ½ ounce. With 2 platforms and tin scoop. One in a case.... Each

STERUNG BRAND FOR QUALITY STANDS

# SPRING SCALES



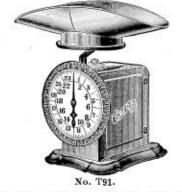




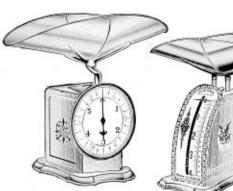
No. E20 Orion.—With square platform and double upright supports. Silver finished slanting dial. Capacity 24 lbs. x 1 oz. Each \$ 1.70

No. T25 Orion.—With square platform and double upright supports. Silver finished slanting dial. With the scoop. Capacity 24 lbs. x 1 oz. Each No. 55½ Orion.—Square platform with tile top. Silver finished slanting dial with glass sash. Japanned case. Capacity 24 lbs. x 1 oz. Each 4.00















6.50

6.50

No. 6C. Vienna. Imperial.

No. No. 6C. —Confectionery. Nickel plated large brass dial and scoop. Capacity 6 lbs. x ½ oz. Figures very distinct.

Each

Vienna. —Japanned and striped in silver. Nickel plated tin scoop. Mountings of brass, heavily nickel plated.

Capacity 4 lbs. x ½ oz. — Each

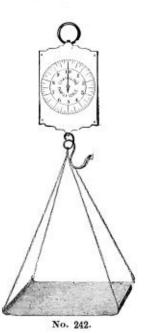
Imperial.—Computing. Full nickel plated and with brass scoop. Computes from 5c to 60c per lb. Warranted ac-

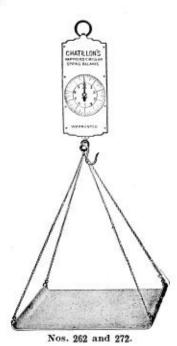
curate. Capacity 2 fbs. x ½ oz. Each
No. N51. —Confectionery. Nickel plated. Silver dial with glass sash. Nickel plated scoop. Capacity 6 fbs. x ½
oz. Handsomely finished throughout Each

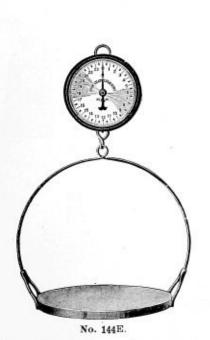


## SPRING BALANCES

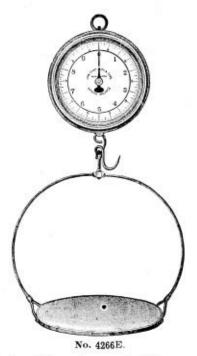






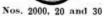






# SPRING BALANCES



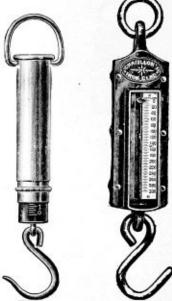




Nos. 40, 60 and 70

	20001	20 .					101	00 10	
	Straig	ght	Spring	Ba	lan	ices wi	th Hooks	8.	
No.	2000 Capacity	24	pounds	x	1/9	pound		Per dozen	\$ 1.50
No.									1.60
No.									3.00
	Straight Sp	ring	g Balanc	es	wi	th extr	a heavy	Hooks.	
No.	40.—Capacity	25	pounds	x	1/2	pound		Per dozen	4.00
No.									12.00
No.									8.00

One-half dozen in a box.



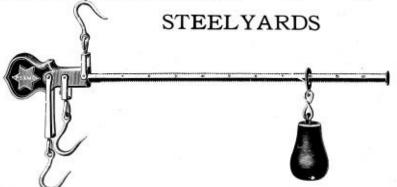
Utility. No. 160

Utility.—Pocket scale useful in household or wherever a 15 pound capacity finds a place. Weighs by ½ pounds. By means of adjustable inner tube the scale will register the net weight when weighing the goods in a container of any sort. Nicely nickel plated. One-half dozen on a card. Per dozen

No. 160.—Iron clad ice balance. Capacity 300 lbs. x 5 lbs. Malleable iron case, black Japanned and ornamented. Brass nickel plated dial plate. Compact and durable and not liable to get out of order. . . . . Each

5-50

	Scare beams. Japanned, striped with	pronze.	Complete	with poises.		
Nos		200	300	400	500	600
Capacity	1bs	200	300	400	500	600
Each		\$ 1.60	2.10	2.90	3.50	4.00



No. 50.—Domestic pattern. Balanced heads and stops. Weighs 50 lbs. by ounces. 1/2 dozen in a case. Per dozen \$ 10.00 SIRRUNG BRAND FOR QUALITY STANDS"



# STERLING PUSH CARTS



One in a crate.

No. 2.—Sterling. Body 37 in. long, 20 in. wide and 8 in. deep. Edges ironed. Sides and end boards are detachable. Wheels 26 in. in diameter, containing 24 spokes of No. 8 wire and having half oval steel rims, 1½x32 in. in size. Fitted with third wheel in front, 14 in. in diameter. Axle 34 in. in diameter. With 2 leaf springs. Complete with heavy standard or rest and attractively finished. Shipping weight 68 pounds......Each \$ 9.00

One in a crate.

No. 14.—Sterling. Body 41½ in. long, 22 in. wide and 10 in. deep, enclosed in a band steel frame. Side wheels 26 in. in diameter, containing 24 spokes of No. 8 wire, and having half oval steel rims, 1½x½; in. Heavy 14 in. front wheel. Axle ¾-inch in diameter. With two leaf springs. Heavy steel standard. Note that the wheels are lower than the top of the bed which permits handling trunks or large boxes. Substantially built throughout and attractively finished. Shipping weight 84 pounds...........Each \$ 13.50

One in a crate.

No. 7.—Sterling. Body 42 in. long, 27 in. wide and 10 in. deep, bound with band steel and angle iron running to the handle. With drop end board. Wheels 30 in. in diameter, containing 28 spokes of 76-inch wire, and having half oval steel rims, 1%x76 inch. With heavy 18-inch front wheel. Axle 76-inch in diameter. With three leaf springs. Heavy steel standard. Extra heavy throughout and made to withstand rough usage. Neatly finished. Shipping weight 112 pounds...Each \$ 15.00

One in a crate.

Special attention is called to the wheels on all above carts. One piece of wire forms 2 spokes. This, together with the manner in which the wire is held between the hub flanges, gives the strongest possible construction. Heavy hub flanges, spokes and rims make a wheel for push cart use that is par excellence and adds long life to the cart.

### TRUCKS



No. 215.—Steam bent handles. Without legs. 3 wood cross bars. Length of handle 46 inches. Width at handle 17½; inches; nose 12 inches. 6 inch wheels ..... Each \$ 3.50



No. 214.—Steam bent handles, and iron legs. 3 iron and 1 wood cross bars. Length of handle 46 inches. Width at handle 17½; nose 12 inches. 6-inch wheels .......Each \$ 5.50



. Half strapped. Steel nose and side strap. Steel axle.

No. 2041.—Handle 48 in. Each \$ 7.00

No. 2042.—Handle 51 in. " 8.00

No. 2043.—Handle 54 in. " 10.00

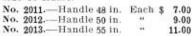


Half ironed. Turned axles and bored wheels. Steel nose. Wheels inside of frame.

No. 2001.—Handle 48 in. Each \$ 6.00 No. 2002.—Handle 50 in. " 8.00 No. 2003.—Handle 55 in. " 10.00



Full ironed. Turned axles and bored wheels. Steel nose. Wheels inside of frame.





Barrel. Full ironed. Three curved iron cross bars. Top bar of wood. Wheels inside.

No.	2071	-Handle	48 in.	Each \$	8.50
No.	2072	-Handle	50 in.	416	10.00
No.	2073	-Handle	55 in.		12.00



No. 2034X.—Full ironed. Center strap bolted to cross bars and welded to nose. Handle 60 in. Wheels 11 in. Each \$ 14.00



No. 2034XX.—Full ironed. 4 cross bars and 2 center straps. Extra heavy. For rough usage. Handle 60 in. Wheels 11 inches.....Each \$ 16.00



Full ironed, Bent handle, Rubber banded wheels,
No. 2091B.—Handle 44 in. each \$ 11.00
No. 2092B.—Handle 51 in. " 14.00



### TRUCKS



Full ironed. Barrel. Steel nose, side straps and cross bars.

No. 3001.—Handle 48 in. Each \$ 7.50

No. 3002.—Handle 51 in. " 9.00



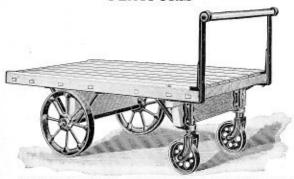
Full ironed. Extra heavy. 4 cross bars, ironed. 2 center straps. Bored wheels. No. 2024.—Handle 60 in. Each \$12.00



Spring steel throughout (except wheels). Roller bearings. Especially adapted for handling heavy barrels and boxes.

No. 950 Each \$ 21.00

#### PLATFORM



Framed platforms. End rack 16 inches high above platform.

# COAL SHUTES



Steel corrugated bottoms. 21 inches wide at top; 15 in.
wide at bottom.

No. 10.—10 feet	ach	\$ 11.00
No. 12.—12 feet	**	13.00
No. 14.—14 feet	45	16.00
No. 4.— 4 feet extension piece	.00	4.50
No. 6.— 6 feet extension piece	64	7.00

#### BOX



Turned Axles. Bored wheels.

Sharp spur head bolts prevent package from slipping. For handling large boxes or bales.

# SKIDS



Selected Hickory. Heavily ironed at both ends.

#### Light Pattern

Nos	6	7	8
Length, feet	6	7	8
Side rails	11/4×23/4	11/4×23/4	11/2×23/4
Cross bars	2	2	2
Each	\$ 6.50	7.00	8.00

#### Heavy Pattern.

1977	0 - 440			
Nos	17	18	19	20
Length, feet	7	8	9	10
Side rails	13/4×31/2	13/4×31/2	13/4×31/2	13/4×4
Cross bars	2	2	3	3
Each	.\$ 8.00	9.00	10.00	11.00

STERUNG BRAND FOR QUALITY STANDS"

# BUTCHERS' CLEAVERS



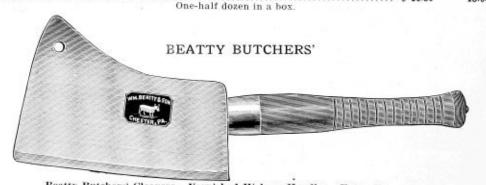
Sterling Butchers' Cleavers. New York Pattern with Flat Ha	andles, F	liveted.		
Nos.	038	039	040	042
Width of cut, inches	8	9	10	12
Weight, pounds	3	31/2	41/2	51/2
Per dozen	18-00	21.00	24.00	28.50



Allowed to the second s	Sterling Butchers'	Choppers.	New York	Pattern	with Flat	Handles,	Riveted.		
Nos.					048	049	050	051	052
width of cut, inches					8	9	10	11	12
Weight, pounds					13/4	21/4	21/2	23/4	3
Per dozen				\$	15.75	21/4 18:00	20.25	22.50	24.75
		One	-half dozen	in a box					4



Sterling Lamb Choppers. New York Pattern with Flat Handles, R	iveted.		
Nos.	. 068	069	070
witch of cut, fitches	8	9	10
Weight, pounds	. 11/2	13/4	2
Per dozen	\$ 16.50	18.00	20.25



Nos	beauty buttners Cleavers.	Varnished	Hickory	Handles. Extr	a Heavy	Steel.	
Width of cut inches		0	1	2	3	4	5
			8	9	10	11	12
Per dozen		1%	21/2	3	31/2	4	5
		ne-half doze	15-00	18.00	20.25	22.50	24.75



## BUTCHERS' GARMENTS

BIBB APRONS

SHORT COATS

BARRED FROCKS

STRIPED FROCKS









Nos. 350 and 450

No. 330

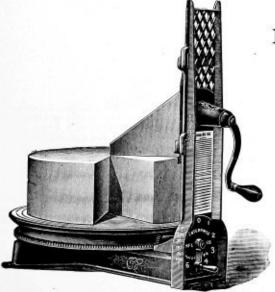
No. 460

No. 350White twill. With bibb	. Sizes 42 to 50 inches		Per dozen S	\$ 5.25
No. 450.—Fine grade linen. With	bibb. Sizes 42 to 50 inches			6.75
No. 330 Heavy white duck. Do	uble breasted. With black b	uttons: All sizes	Each	2.25
No. 444.—Blue barred and checke	ed cheviot. Double-breasted.	All sizes		2.25
No. 460 Fancy black stripe twi	ll. Double-breasted. All siz	tes		3.00



# ENTERPRISE BEEF SHAVER

One in a crate.



# ENTERPRISE CHEESE KNIFE

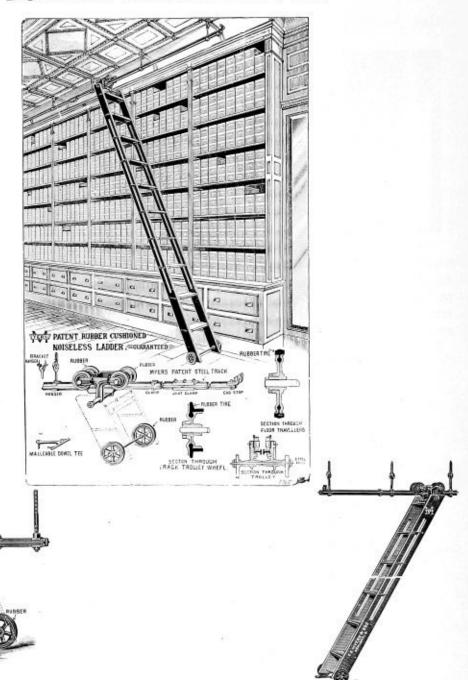
Enterprise Self-Gauging Cheese Knife. Lift of knife 10 inches. Diameter of table 19 inches. This machine obviates the hard labor of cutting with a hand knife. Is not designed to cut mathematically correct as to weight, but if a pound or more is wanted, the customer can be accommodated with one piece which will be within a fraction of the desired weight. The small crank measures the required amount and by turning the large crank the knife descends, cutting evenly, cleanly and easily. Beautifully finished in colors with gilt ornamentation. The blade is tinned.

One in a crate.

"STERUNG BRAND FOR QUALITY STANDS"



# ROLLING STORE LADDERS



Myers' cushion tire store ladder. Ladder constructed of best clear Georgia pine, nicely finished, filled and varmyers cushion the store ladder. Ladder constructed of oest clear Georgia pine, nicely missed, filed and variabled. Open panel sides, 5 inches wide and with 5-inch step supported with malleable dowel Tee. Width of ladder 12 inches. The trolley is self-adjusting and made of malleable from fitted with turned steel bearings and 3-inch anti-rattler wheels, turned and bored on lathe and fitted with special rubber tires. The floor travelers are 5 inches in diameter, composed of metal sides with rubber cushion tires clamped in such a position as to be impossible to get off or come loose. These wheels are placed on a steel axle which revolves with one of the wheels, the other running loose. In this manner the ladder will adjust itself to the floor. The track is double angle steel rail, very neat and strong and suspended from ceiling by means of lag screws, either jointed or rigid or by flanged plates and wood screws.

places the track close to the ceiling and makes the job of leveling on an uneven ceiling a very easy one.

The length of track or tracks, number of ladders and height of ceiling, all the information required when sending in the order.

No. 775.-Ladder and trolley complete Each \$ 20.00 No. 30 .- Track complete with hangers Per foot

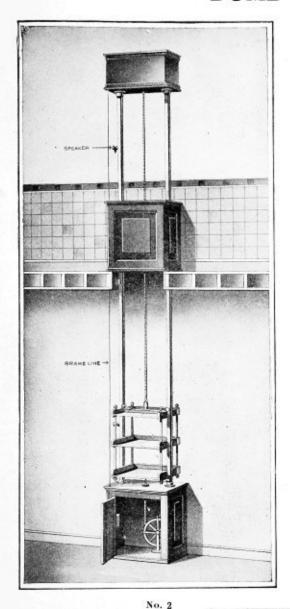
#### DIRECTIONS FOR FITTING STORE LADDER.

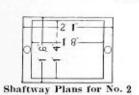
To find the required length of store ladder for any room, subtract from the height of the room 11 inches (this being the amount of space required by hangers, track and trolley); multiply the remainder by one and one-tenth; the result will be the length of the ladder from hole at top to bottom of ladder.

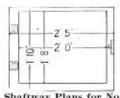
Not carried in stock; shipped from factory direct.



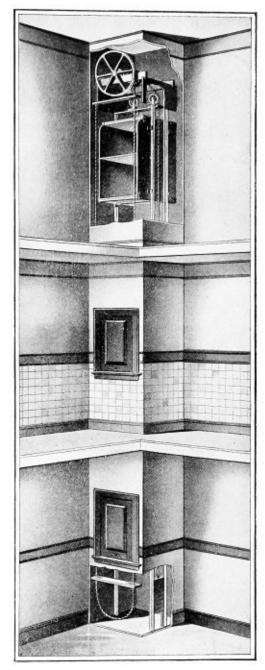
### DUMB WAITERS







Shaftway Plans for No. 3



No. 3

No. 2 .- Little Beauty dumb walter. Capacity 25 pounds. Car of highly finished hardwood trays with polished brass fittings. Runs on polished brass tubes, one of which contains the counterweight balancing the car while the other is used as a speaking tube. Operating gear consists of hemp rope passing over iron wheels, one at top, one at bottom. Controlled by self holding brake applied or released by one line from any floor. Designed for use in restaurants, hotels, cafes or offices. Includes box at top in which the wheel and brake are set ready for use (but not the closet at the bottom nor the enclosure around the opening of the upper floor) for a run not exceeding 10 feet and a car not over 20x16 inches. This size car with two compartments and finished in golden oak will be shipped where no other kind is specified

No. 3.—Energy dumb-waiter. Capacity 100 pounds. Automatic lock, anti-friction roller bearings, wire hoist rope, adjustable guide shoes, exposed weights. Car of well seasoned hardwood, neat in design. Does not require a weight box, the weight being placed inside the well and taking up no extra room. Designed for dining room service in the residence. Machine, ash car (any size up to 24x20 in.), sectional counterweight, rope eyelets. hand rope, hoist rope, car runs, weight runs, for 1 story travel , Each \$ 34.00 If conditions require any different style of lift or any higher lift, write us for special booklet.

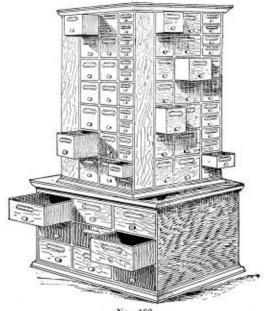
Not carried in stock; shipped from factory direct.

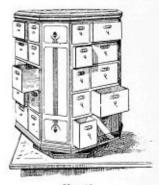
STERUNG BRAND FOR QUALITY STANDS"

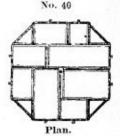
Each \$ 60.00



# BROWN'S PERFECTION BOLT CASES







Brown's Perfection Bolt Cases. As will be seen by plan, the drawers are oblong, not triangular, completely fil-ling the case and leaving no vacant space in the center. This makes the case hold more bolts than the average case. Drawers of various sizes to suit different size bolts. Revolving feature of simple construction always works easily. Made of oak, hard oil finish.

Nos. .....\$60.00 48.00 24.00

-130 drawers-74 for bolts and 56 for screws. Revolving portion has 112 drawers-56 for bolts and 56 for screws, and is 24 inches square and 48 inches high. The base is 30 inches square and 20 inches high. Made of 

No. 112 .- 112 drawers. 24 inches square and 48 inches high. Exactly like revolving portion of No. 130 and No. 112.—112 drawers. 24 Inches square and 48 inches fight. Exactly like revolving portion of No. 150 and mounted as No. 40. Drawers labeled as follows:—Washers, \(\frac{1}{4}\), \(\frac{1}{6}\), \(\frac{1}{2}\). Bolts, \(\frac{1}{4}\)x1, \(\frac{1}{4}\), \(\frac{1}\), \(\frac{1}{4}\), \(\frac{1}{4}\), \(\frac{1}{4}\), \(\frac{

No. 40.—40 drawers. 37 inches high, 22 inches in diameter. The drawers labeled as follows:— $\frac{1}{4}x\frac{1}{2}$ ,  $\frac{1}{4}$ , 2,  $\frac{2}{4}$ ,  $\frac{2}{4}$ ,  $\frac{2}{4}$ ,  $\frac{3}{4}$ ,  $\frac{3}{4}$ , 4,  $\frac{4}{2}$ , 5,  $\frac{4}{6}$ ,  $\frac{3}{4}$ x 2,  $\frac{2}{2}$ , 3,  $\frac{3}{2}$ , 4,  $\frac{4}{2}$ , 5, 6, 7, 8.  $\frac{1}{2}$ x 3,  $\frac{3}{2}$ , 4,  $\frac{4}{2}$ , 5, 6, 7, 8.  $\frac{1}{2}$ x 3,  $\frac{3}{2}$ , 4,  $\frac{4}{2}$ , 5, 6, 7, 8.  $\frac{1}{2}$ x 3,  $\frac{3}{2}$ , 4,  $\frac{4}{2}$ , 5, 6, 7, 8.  $\frac{1}{2}$ x 3,  $\frac{3}{2}$ , 4,  $\frac{4}{2}$ x 5, 6, 7, 8.  $\frac{1}{2}$ x 3,  $\frac{3}{2}$ x 6, 6, 7, 8.  $\frac{1}{2}$ x 3,  $\frac{3}{2}$ x 6, 6, 7, 8.  $\frac{1}{2}$ x 7,  $\frac{3}{2}$ x 8,  $\frac{3}{2}$ x 8,  $\frac{3}{2}$ x 9,  $\frac{3}{2}$ x 8,  $\frac{3}{2}$ x 9,  $\frac{3}{2}$ x 7, 8, 9, 10,

# BROWN'S PERFECTION SCREW CASES



Style of No. 200.

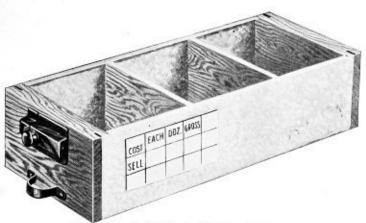
Made of Tennessee Oak, Hard Oil Finish.

- No. 200 .- 200 drawers. Revolving top screw case built on same general plans and having same outside dimensions as case No. 130. above described, but with smaller size drawers, suitable for screws Each \$ 75.00
- No. 168.-168 drawers. Revolving screw case built on the same general plans and having same outside dimensions as case No. 112. above described, but with smaller size drawers, suitable for screws .......Each \$ 60.00
- No. 80 .- 80 drawers. 37 inches high, 22 in. in diameter. Built on the same plans as No. 40, above described, but having double the number of drawers-more suitable for screws ...... Each \$ 32.00

Not carried in stock. Shipped from factory direct.



# HELLER'S SHELF BOXES



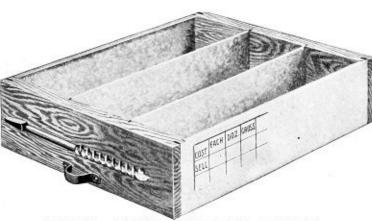
5x3x12 Box, Subdivided with Wood Divisions.

Oak fronts, varnished antique finish with brass plated pulls and screws. All 12 inches long and 3 inches deep.

Nos	1	2	3	4	5
Width, inches	3	5	6	71/2	9
Each	\$ .23	-24	-26	.29	-32

Oak, white wood or N. C. pine fronts, sanded ready to stain or varnish. Without pulls. All 12 inches long and 3 in. deep.

Nos	. 22	23	24	25	26
Width, inches	3	5	6	71/2	9
Each	. \$ .18	-20	-21	.24	.27



10x3x12 Box, Subdivided with Detachable Steel Divisions

Oak fronts, varnished antique finish with brass plated pulls and screws. Slotted for steel divisions. All 12 in, long and 3 in. deep.

Nos	6	7	8	9	10	11
Width, in.	10	12	15	18	24	30
Each \$	.35	-38	-42	-51	.66	.78

Oak, white wood or N. C. pine fronts, sanded ready to stain or varnish. Slotted for steel divisions. Without pulls. All 12 in. long and 3 in. deep.

Nos	27	28	29	30	31	32
Width, in.	10	12	15	18	24	30
Each \$	.30	-33	-36	-42	-57	-69

6x6x12 Box

Oak fronts, varnished antique finish with brass plated heavy pulls and screws. All 12 in. long and 6 in. deep.

Nos		12	13	14	15	16
Width, inches		5	6	$7\frac{1}{2}$	9	10
Each		\$ .36	.39	.45	-50	-54
Nos	17	18	19	20	21	21A
Width, inches	12	15	18	24	30	36
Each \$ .	57	63	-72	-84	1.02	1.20

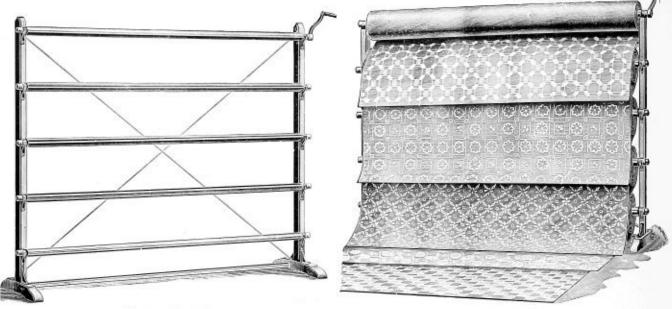
Oak, white wood or N. C. pine fronts, sanded ready to stain or varnish. Without pulls. All 12 in. long and 6 in. deep.

Nos		33	34	35	36	37
Width, in		5	6	71/2	9	10
Each		\$ .32	-33	.39	-44	-47
Nos	38	39	40	41	42	43
Width, in	12	15	18	24	30	36
Each , \$	.50	.54	-63	.72	.90	1.05

Heller's galvanized steel shelf boxes. With ¾ in. wood fronts and backs. The sides and bottom are pressed of one piece of cold rolled galvanized steel. The steel is imbedded in the wooden ends by patent process and secured by brads driven from inside through both metal and wood—no rough edges on the outside. Top edges double turned, strengthens and prevents buckling. Depression on side near front enameled upon which cost and selling price of contents can be marked, erased or changed without injuring the enamel. With an assortment of boxes is furnished a liberal supply of both wood and steel divisions for boxes 3 in. deep, such as is required for general hardware. These boxes can also be furnished, 10, 14, 15, 16, or 18 in. long—in fact any size desired, and with any kind of wood fronts, either finished or unfinished. Prices will be quoted upon receipt of specifications giving this information and quantity.

Not carried in stock; shipped from factory direct.

# LINOLEUM AND OIL CLOTH DISPLAY RACK



Showing Rack Empty.

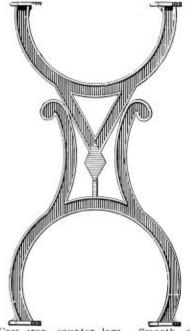
Showing Rack Filled.

The rack above shown is designed to make easy the handling and selling of a line that otherwise is difficult, laborious and time-consuming. Made of hardwood, nicely filled and varnished. The iron parts finished in black enamel, baked on. The foot pieces are 2x3x24 inches, and the standards 1¾x3½ inches. The rack ready for use stands 6 feet high. The rollers are 1¾ inches in diameter and 80 inches long. Suitable for 8-4 size cloth or linoleum. The rollers are inserted in the goods to be exhibited and wedged tightly into place. Wedges furnished with rack. The goods may be rolled up or unrolled by the crank as shown. The rack rests solidly on the floor, no casters furnished. Securely braced with rods and brackets, making a very firm and rigid director are considered. Securely braced with rods and brackets, making a very firm and rigid display rack. Capacity 5 rolls of cloth or linoleum 8-4 width.

No. 1000.—Linoleum and Oil Cloth Rack ...... Each \$ 15.00

Not carried in stock. Shipped from factory direct.

# COUNTER LEGS



-Cast iron counter legs. Smooth castings, nicely finished and neatly Japanned. Height 31 in., width 19 in. Regulation counter height. Extra heavy ...... Each \$ 2.50

# STEP LADDER CHAIRS



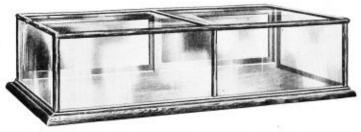
No. 771.—Hardwood, varnished finish. Stands 36 in, high with four steps. Seat 12x16 in. Made strong and durable. Very convenient for use behind the counter. ..... Each \$ 2.00 Two in a bundle.

STERUNG BRAND FOR QUALITY STANDS"



### SHOW CASES

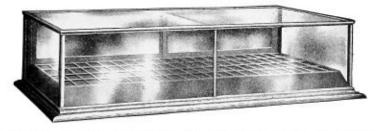
#### SQUARE FRONT



Pattern 138. Square front. 28 inches wide on the base and fitted with double strength glass in the top, front and ends. The rear has American mirror sliding doors.

Nos	1384	1384H	1386	1386H	1388	1388H
Length, feet	4	4	6	6	8	8
Height, inches	15	17	15	17	15	17
Each	12.00	12.60	16.45	17.20	22.05	23.30

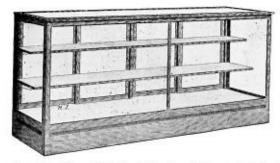
#### CUTLERY



Pattern 637. Square front. 28 inches wide on the base and 17 inches high. The platform is covered with plush and divided into spaces for cutlery. The rear of the platform is divided into compartments for keeping stock. The rear of the case fitted with American mirror sliding doors. Altogether a handsome little display case for this class of goods at a popular price.

Nos,	6373	63741/2
Length, feet	3	41/2
Each	19.20	29-25

#### FLOOR



Pattern 1016. This case made to be shipped K. D. 42 inches high and 24 inches wide. The plate glass top is inlaid with ½ inch bevel. The front and end lights are 30 inches high. The rear has double strength glass sliding doors to run on ball bearing rollers and steel track. The inside has two wood shelves 10 and 14 inches wide and supported on nickel-plated adjustable brackets.

No. 1016	5	6	8
D. S. Top, Front, Ends and Doors	8 41.50	44.50	56.00
Plate Top. D. S. Front. Ends and Doors	50.30	57.00	72.50

We list and quote above the regular stock sizes which can ordinarily be shipped immediately upon receipt of order by factory. Other sizes and lengths can be furnished when required and prices will be quoted upon receipt of specifications.

We will positively not make any cash allowance for breakage in transit or otherwise.

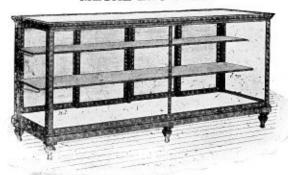
Not carried in stock; shipped from factory direct.

STERUNG BRAND FOR QUALITY STANDS



# FLOOR SHOW CASES

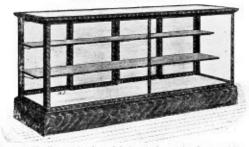
#### METAL LEG BASE



Pattern 1014. Made to be shipped K. D. 42 inches high and 26 inches wide. The base has metal legs, 6 inches high, the plate glass top is inlaid and has a half inch bevel. The front and end lights are 30 inches high. The rear has double strength glass sliding doors to run on ball bearing rollers and steel track. The inside has 2 wood shelves 10 and 14 inches wide supported on adjustable nickel-plated brackets.

No. 1014		6 8
D. S. Top, Front, Ends and Doors	\$ 51	1.00 63.00
Plate Top. D. S. Front, Ends and Doors	65	5.00 82.00
Plate Top and Front, D. S. Ends and Doors "	79	9.00 101.00
Plate Top, Front and Ends, D. S. Doors	85	5.00 107.00

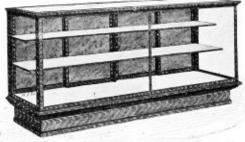
#### STRAIGHT BASE



Pattern 1010. Made to be shipped K. D. 42 inches high and 26 inches wide. It has a straight base, the plate glass top inlaid and has a ½ inch bevel. The front and end lights are 30 inches high. The rear has double strength glass sliding doors to run on ball bearing rollers and steel track. The inside has two wood shelves 10 and 14 inches wide supported on adjustable nickel-plated brackets.

No. 1010	Peet	6	8
D. S. Top, Front, Ends and Doors		\$ 51.00	63.00
Plate Top, D. S. Front, Ends and Doors	**	65.00	82-00
Plate Top and Front, D. S. Ends and Doors	44	79.00	101.00
Plate Top, Front and Ends, D. S. Doors	44	85.00	107.00

#### RECEDING BASE



Pattern 1006. Made to be shipped K. D. 42 inches high and 26 inches wide and has a receding base. The plate top is inlaid and has a half inch bevel. The front and end lights are 30 inches high. The rear has double strength glass sliding doors to run on ball bearing rollers and steel track. The inside has two shelves 10 and 14 inches wide and supported on adjustable nickel-plated brackets.

No. 1006 F	eet	6	8
D. S. Top, Front, Ends and Doors	ach	\$ 55.00	67.00
Plate Top, D. S. Front, Ends and Doors	**	69.00	86.00
Plate Top and Front, D. S. Ends and Doors	**	83.00	106.00
Plate Top, Front and Ends, D. S. Doors	44	89.00	112.00

We list and quote above the regular stock sizes which can ordinarily be shipped upon receipt of order by factory. Other sizes and lengths can be furnished when required and prices will be quoted upon receipt of specifications.

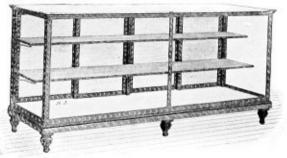
We will positively not make any cash allowance for breakage in transit or otherwise.

Not carried in stock; shipped from factory direct.



### FLOOR SHOW CASES

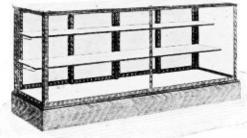
METAL LEG BASE



Pattern 1012. Made to be shipped K. D. 42 inches high and 26 inches wide. The base has metal legs, 6 inches high, the plate glass top has ground and polished edges. It is laid on top and fastened with nickel-plated clasps. No woodwork is shown on top. The front and end lights are 30 inches high. The rear has double strength A glass sliding doors to run on steel track and ball bearing rollers. The inside has two wood shelves 10 and 14 inches wide supported on adjustable nickel-plated brackets.

No. 1012	6	8
Plate Top, D. S. Front, Ends and Doors	\$ 66.00	84.00
Plate Top and Front, D. S. Ends and Doors	82.00	107.00
Plate Top, Front and Ends, D. S. Doors	. 88.00	113.00

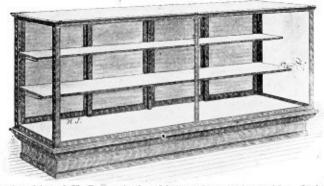
#### STRAIGHT BASE



Pattern 1008. Made to be shipped K. D. 42 inches high and 26 inches wide. It has a straight base, the plate glass top has ground and polished edges and is laid on top and fastened with nickel-plated clasps. There is no wood shown on top. The front and end lights are 30 inches high. The rear has double strength A glass sliding doors to run on ball bearing rollers and steel track. The inside has two wood shelves 10 and 14 inches wide and supported on adjustable nickel-plated brackets.

No. 1008 Feet		6	8
Plate Top, D. S. Front, Ends and Doors	\$ 6	6-00	84.00
Plate Top and Front, D. S. Ends and Doors	8	32-00	107.00
Plate Top, Front and Ends, D. S. Doors	. 8	38-00	113.00

#### RECEDING BASE



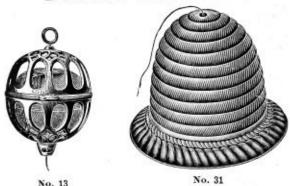
Pattern 1004. Made to be shipped K. D. 42 inches high and 26 inches wide. It has a receding base, the plate glass top has ground and polished edges and is laid on top and fastened with nickel-plated clasps. There is no wood shown on top. The front and end lights are 30 in. high. The rear has double strength glass sliding doors to run on steel track and ball bearing rollers. The inside has two wood shelves 10 and 14 inches wide and supported on adjustable nickel-plated brackets.

No. 1004 Feet	6	8
Plate Top, D. S. Front, Ends and Doors	\$ 72.00	91.00
Plate Top and Front, D. S. Ends and Doors	86.00	111.00
Plate Top, Front and Ends, D. S. Doors	92.00	117.00
New 11 / 1 / 1 / 1 / 1 / 1 / 1 / 1 / 1 / 1		

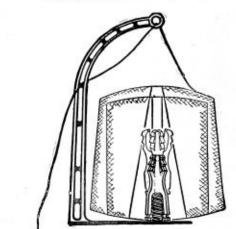
We list and quote above the regular stock sizes which can ordinarily be shipped upon receipt of order by factory. Other sizes and length can be furnished when required and prices will be quoted upon receipt of specifications. We will positively not make any cash allowance for breakage in transit or otherwise.

Not carried in stock; shipped from factory direct.

# TWINE HOLDERS



One-twelfth dozen in a package.



ALARM TILLS



No. 593.—Oak from. varnished, woodwork cherry stained. Size over all, 434 in. thick, 16½ in. deep, 18¼ in. wide. Weight 11 lbs. Drawer gained together. Specie bowls, 3% in. Bill spaces, 3½x8 in. Improved lock, 32 changes.

Six in a crate.

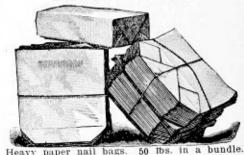
# PAPER CUTTERS



Japanned finish. Royal single. 30 12 15 18 Nos. 30 Inches ...... 15 18 20 12 2.20 2.20 2.20 \$ 2.20 2.20 2.20 Each .. Royal single. Nickeled finish. 024 030 018 020 012 015 Nos. 20 30 Inches ... 18 12 15 2.70 2.70 2.70 \$ 2.70 2.70 2.70 Each ..... ROYAL TWO PYRAMID



# NAIL BAGS



# TOBACCO CUTTERS



National Tobacco Cutters. Japanned and ornamented and can be used for cutting in addition to tobacco,—Vanilla beans, roots, herbs, etc. The movement is easy with a clean shear or draw cut. The construction is rigid and strong and as all working parts are contained in the arch is symmetrical in form and outline. The knife is of best quality steel.

No. 2.—Cuts plug 4 inches wide x 11/8 inches thick



This Sample is 24 x 36—25 Lbs. to 480 Sheets.

# L. U. Z =

THIS PAPER is manufactured in Sweden – of absolutely pure Cellulose of a special quality and contains no chemical pulp and no filling materials whatever

# CARRIED IN STOCK

12-15-18-20-24-Inch Rolls, 25 lb. Basis Rolls weighing about 1½ lbs. to inch. Price per lb.

IMITATIONS ARE NUMEROUS.

LOW HARRY MANAGEMENT

# LOGAN GREGG HARDWARE CO.

738A

OFFIER O

This Sample is 24 x 36-25 Lbs, to 480 Sheets.

# L. U. Z

# CARRIED IN STOCK

Rolls weighing about 1 1/2 lbs. to inch. Refice per lb.

IMITATIONS ARE NUMEROUS.

TOBACCO CUTTERS

LOGAN GREGG HARDWARE CO.

PITTSBURG, PA



# Crown Kraft Paper

This Sample is 24x36-27 Lbs. to 480 Sheets.

HIS PAPER is manufactured of absolutely pure Cellulose of a special quality and contains no chemical pulp and no filling materials whatever, such as china clay, pearl hardening, colors or others. On account of its remarkable strength, for weight, it affords a great saving over ordinary wrapping papers which generally require over 50 per cent. additional weight, 35-lb. Kraft having greater strength and serviceability than the 50-lb. paper customarily used.

The manufacturers of "Crown Kraft" guarantee it absolutely free from acids, chlorides, and other injurious chemicals, making it a valuable wrapping for iron, steel and plated goods, acting as a superior protection against moisture and rust.

It is the only proper substitute for Rope Papers which, owing to the permanent scarcity of old rope, now commands prohibitive prices.

We are to-day selling large quantities of "Crown Kraft" as a substitute for Rope Papers costing nearly double.

This paper is well adapted for printing or writing, it has enormous strength and toughness and is the most perfect wrapping paper known. We recommend a trial not only for wrapping purposes but for box strays, silverware, insulating, sample and catalogue envelopes; in fact, for every purpose requiring lightness, strength and economy.

#### CARRIED IN STOCK

12-15-18-20-24-Inch Rolls, 27 lb Basis Rolls weighing about 11 lbs. to inch. Price per lb.

IMITATIONS ARE NUMEROUS.

# LOGAN GREGG HARDWARE CO. PITTSBURG, PA.

# Orown Realt Eager

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Papers which, outer another successfully being the formation of the confidence of th

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This paper is well adapted for prising in writing, it has entermous strength and renging must and and renging have and is the most perfect wriging happy known, We recommend a real-red only for wrapping purposes but turned where shere word, hereinger but turned and retailing envelopes; in fact, for every outrost retailing fightness, after the every outrost resulting fightness, after the every outrost resulting

CARRIED IN STOCK

12-15-15-20-21-inch kidle 22 li fasis Relia scripting about 1, the ration of Price out the

MITSTIONS ARE NOTIFIED.

# LOGAN GREGE HARDWARE UD.



# Crown Kraft Paper

This Sample is 24x36-40 Lbs. to 480 Sheets.

HIS PAPER is manufactured of absolutely pure Cellulose of a special quality and contains no chemical pulp and no filling materials whatever, such as china clay, pearl hardening, colors or others. On account of its remarkable strength, for weight, it affords a great saving over ordinary wrapping papers which generally require over 50 per cent. additional weight, 35-lb. Kraft having greater strength and serviceability than the 50-lb. paper customarily used.

The manufacturers of "Crown Kraft" guarantee it absolutely free from acids, chlorides, and other injurious chemicals, making it a valuable wrapping for iron, steel and plated goods, acting as a superior protection against moisture and rust.

It is the only proper substitute for Rope Papers which, owing to the permanent scarcity of old rope, now commands prohibitive prices.

We are to-day selling large quantities of "Crown Kraft" as a substitute for Rope Papers costing nearly double.

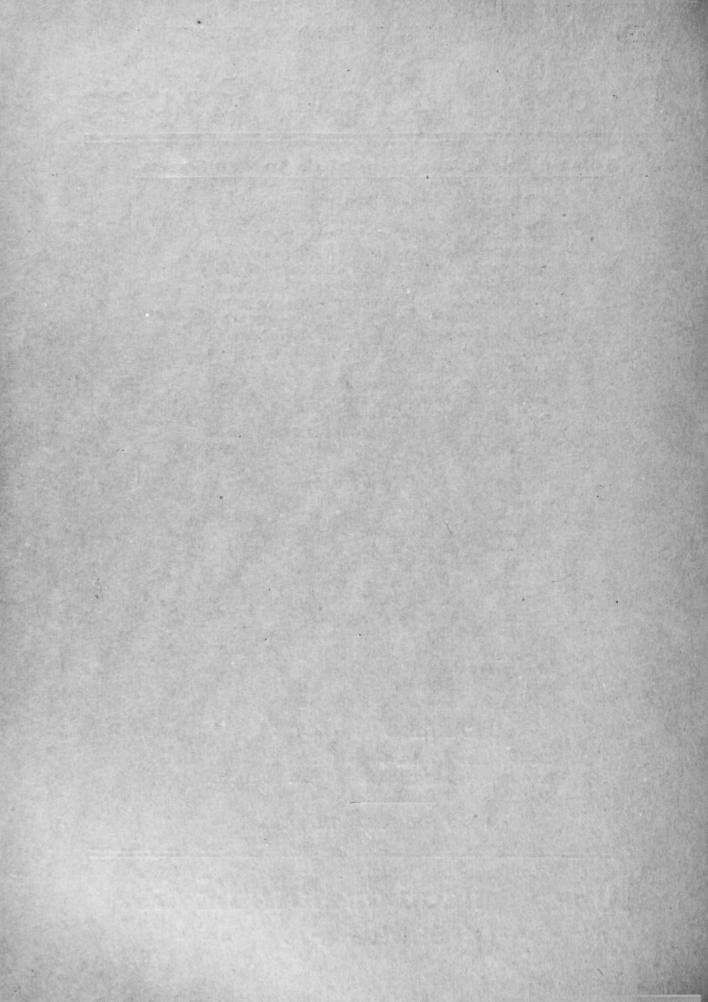
This paper is well adapted for printing or writing, it has enormous strength and toughness and is the most perfect wrapping paper known. We recommend a trial not only for wrapping purposes but for box strays, silverware, insulating, sample and catalogue envelopes; in fact, for every purpose requiring lightness, strength and economy.

#### CARRIED IN STOCK

24-30-Inch Rolls, 40 lb. Basis
Rolls weighing about 11 lbs. to inch.
Price per lb.\_\_\_\_\_

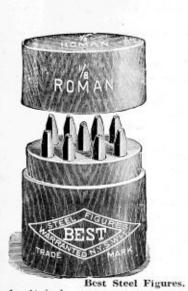
IMITATIONS ARE NUMEROUS.

# LOGAN GREGG HARDWARE CO. PITTSBURG, PA.





# STEEL FIGURES AND LETTERS



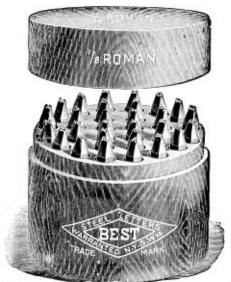
G-1-8 °

I 3/16

J ¼"

X 1/16

L 3/8 °



Best Steel Letters.

No. 11/8	inch	Per set	(9)		No. 10.—1/8	inch		Per set	(26)	\$ 2.70
No. 2 1	inch		**	1.25	No. 20 3	inch		**	**	3.75
No. 31/4	inch	**	**	1.50	No. 30.—1/4	inch		- 44	**	4.50
No. 4	inch	. 44	**	1.75	No. 40.—	inch		41	6.0	5.75
No. 53/9	inch		**	2.50	No. 50%	inch			**	7.50
Post	stool 6 sures and letters are	bond	-4-	from the	boot sout sto	-1 T	homeble welleble and			

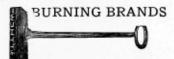
Best steel figures and letters are hand made from the best cast steel. Durable, reliable and warranted to give satisfaction. Specially suited to the requirements of contractors, operators, mechanics, etc. for stamping metal or wood. Each set is packed in a solid wooden block, keeping them handy and ready for use. Block fitted with wood cover.



Steel Stamps. Made of the very best tool steel, carefully cut by hand and finely tempered. Every stamp is warranted. They are used for stamping names, designs, etc., on steel, wood, leather, and all kinds of metal. Special prices quoted on design stamps.

Name stamp. 3 letters or less including forging.

Name stamp.	terrers	01 10	ess inci	ading	tor Stu	
Inches				1/16 .50		1/8 .50
Inches					3/8 -80	1/2 1.20
Name stamp. 4	letters	or m	ore in	cluding	forgi	ng.
Inches					3/32 -36	1/8 -36
Inches				√ક -64	3/s -80	1/2 1.10
In ordering alw	ays stat	te for	what p	urpose	stamp	8

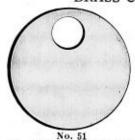


are to be used.

Burning Brands. Used for burning name into wooden tools, such as shovels, picks, buckets, etc. Made of the best material, and will stand hard usage. Cast iron. 1/2 or 3/4 in. Brands of 4 letters or less. Each \$ 3.00 3.00 3 .. 3.00 2 4.00 2 5.00 2 2 7.00 Additional for Each Extra Letter. 11/4

Each ...... \$ .40 .40 .40 .60 .80 1.00 1.20 1.50

#### BRASS CHECKS





#### REVOLVING STENCILS



Revolving stencil. For marking show cards, boxes, barrels, bags, etc.

A	Iphabet	and	Figur	res C	ombir	ed.		
Inches	1/4	3/8					1	11/4
Each	\$ 2.50	2.50	2.50	3.00	3.00	3.50	4.00	5.00
	Alphal	bet Or	aly—I	No F	igure	5.		
Inches					. 1	1/2		2
Each					. \$ 4	.00		6.00
		Figu	res C	nly.				
Inches	1/4 3	8 1/2	5/8	3/4	7/8	11	4 11/2	2
Each	\$ 1.20 1	.20 1.4	0 1.40	1.60	1.60.1.	60 2.0	0 2.00	2.50

"STERUNG BRAND FOR QUALITY STANDS"

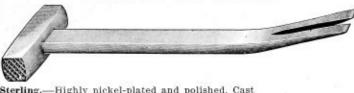
# NAIL PULLERS



Rex.—18 in. long. Jaws and shanks thoroughly hardened and oil tempered. Polished shank, Japanned handle. The old original pattern of nail puller. Per dozen Crown.—18 in. long. Jaws of special steel, polished and tempered. Flat shank. No spring. Japanned handle. Easy grip. Per dozen Cyclops.—18 in. long. Jaws and shanks of forged steel. Steel parts fire finished. Japanned handle. Easy to handle and pulls the nails. Per dozen Neverslip.—18 in. long. Jaws and shanks forged steel. Octagonal and grooved handle finished in aluminum. Polished shanks. Made with hook and will not slip. Per dozen One-twelfth dozen in a package.

CRATE OPENERS

# BOX HOOKS



Sterling.—Highly nickel-plated and polished. Cast steel, forged in one piece. One end milled. A very superior article .......... Per dozen § 12.00

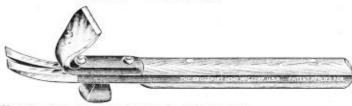
Orion.—Nickel-plated, cast steel. 9 in. long. A serviceable tool at a popular price. Per dozen 10.00 One-half dozen in a box.



No. 15.—Cotton or box hooks. Polished. 93/4 in. long. Plain handle ........ Per dozen \$ 4.80

One dozen in a box.

# BOX TOOLS



No. 60.—Box tool. Length 14½ in. Scraper, hammer and box chisel combined. Made of finest steel and easily sharpened. Bar extends entire length with wood handle covering. Practically indestructible scraping blade. Per doz. \$ 15.00 One-half dozen in a box.



"STERUNG BRAND FOR QUALITY STANDS"



# SHIPPER'S SUPPLIES

#### BOX SCRAPERS



No..70.—Malleable iron. 2-inch steel cutter adjustable, suitable for scraping boxes or planing floors ............ Per dozen \$ 6.00

One-half dozen in a box.



No. 74.—Double handle scraper. Cast steel blade. Smooth handle. Light weight. Per dozen \$ 6.00 One dozen in a box.



#### NAIL CLAWS



No. 1.—Nail Claws. Wrought iron. Japanned. Length 16 inches ....... Per dozen \$ 6.00



No. 11.—Nail Grips. Wrought iron. Japanned. Length 18 inches ....... Per dozen \$ 13.50

#### MARKING POTS



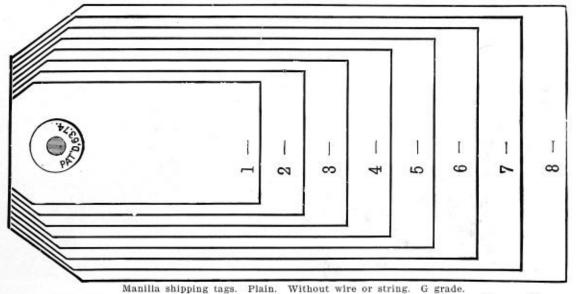
Tin Marking Pots. Plain. With handle. Seamless body. No. 12.—Diameter 6 inches .......... Per dozen \$ 3.60 One dozen in a package.

#### STENCIL BRUSHES



No. 8.—Gray bristles, brass ferrules .. Per dozen \$ 4.50 One-half dozen in a box.

# SHIPPING TAGS



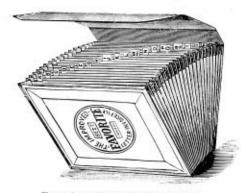
# LETTER AND BILL FILES



Shannon Lockarch Files.

No. 4Board, arch, index, cover and perforator.	Each	\$ 1.50
No. EPBoard, arch and perforator	44	1.12
No. ECI.—Board, arch, index and cover		1.05
No. EBoard and arch		.75
No. 4Arch only, 31/2 inches high		.38
No. 30. —Perforator only		.45
No. 40. —Compressor covers only	44	.30
No. 04Indexes only	**	.08





Favorite Files with Flap Cover.

No. 60.—Letter size, paper	Each	\$ .45
No. 150.—Letter size, cloth	4	1.20
No. 100.—Cap size, paper	84	.75
No. 250.—Cap size, cloth	**	1.88





No. B.—Cabinet Perforator. Pressed steel construction equipped with firmly fastened paper guide. Will perforate from 1 to 30 papers easily. Has removable bottom which catches clippings and which can be emptied when desired ..... Each \$ 1.65



No. 15.—Rubber Dating Stamp. Nicely finished in nickel and with enameled wood handles ...... Each § .25



No. 50.—Liberty correspondence files. Letter size. Bound in paper. Each \$ .38



No. 193.—Vertilex Desk File. Complete set of alphabetical tab folders. Substantially built. 121/2×10×4 inches inside ........... Each \$ 1.12

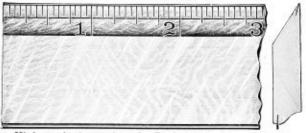


### DESK RULERS



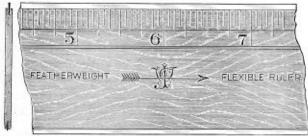
Arrow brand. Selected maple, natural color, finely varnished. Scaled in sixteenths. 1\(^1\_8\) inches wide, \(^5\_{16}\)-inch thick. Brass edges.

Nos	7612	7615	7618
Inches	12	15	18
Per dozen	\$ 1.50	2-00	2.40
One dozen	in a box.		



High grade Arrow brand. Rock maple, boxwood color. Fine hand rubbed and polished finish. Scaled in sixteenths. Brass and steel edges, grooved top.

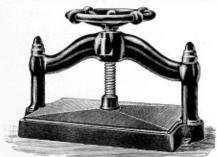
Nos.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	49812	49815	49818
Inches	12	15	18
Per dozen	\$ 3.00	3.50	4.00
One dozen	in a box.		



Featherweight flexible. Carefully selected rock maple, 1% inches wide, ½-inch thick. Inch scale divided into sixteenths on both sides. Smoothly finished, double steel ruling and cutting edges. Extra thinness makes them very flexible.

Nos	912	915	918
Inches	12	15	18
Per dozen	\$ 4.00	6.00	8.00
One dozen	in a hov		

### LETTER PRESSES



Column arch and ball wheel. Style L. Finished in dain black.

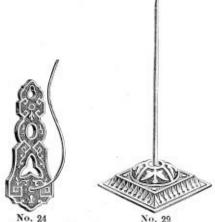
No. 112L.—10x121/2 inches	Each	\$	6.00	
No. 115L.—10x151/2 inches	84		6.75	
No. 118L.—12x181/2 inches	**	1	3.00	
No. 124L.—20x241/4 inches	**	3	00.00	

### PAPER CLIPS



No. 240.—Cast iron. Tuscan bronzed. With spring.
One dozen in a box ........ Per dozen \$ 1.50

### PAPER FILES



No. 24.—Cast from with wire hook. Tuscan bronzed.
Per dozen \$1

No. 29.—Cast iron with wire pin. Tuscan bronzed.
One dozen in a box . . . . . . Per dozen 1.5

### WASTE BASKETS



One-half dozen in a bundle.



Perfection. 7c-inch flat steel, nickel-plated. Solid metal bottom. Designed to supply the demand for a substantial, convenient and at the same time handsome basket for use in offices, banks, etc.



### LEAD PENCILS

### STERLING Nº2 No. 2 .- Sterling. No. 2 grade lead. Maroon finish with gilt end and red rubber tip. Stamped in gilt ... , Per gross \$ 8.00 No. 3 .- Sterling. No. 3 grade lead. Marcon finish with gilt end and red rubber tip. Stamped in gilt .... 8.00 One dozen in a carton; six dozen in a box. P DIXON'S AMERICAN S M - Nº 2 One dozen in a package; one-half gross in a box. No. 2000 .- Dixon's Official. Tapering shape and cedar finish, polished. Rubber plug of best quality ... Per gross \$ 9.60 One dozen in a box; six boxes in a carton. VEIVET NO 2 No. 557.—Velvet. No. 2 grade lead. Satin finish stamped in gilt. Nickeled end and rubber tip .......Per gross \$ 9.60 No. 558.-Velvet. No. 3 grade lead. Satin finish stamped in gilt. Nickeled end and rubber tip ....... 9.60 One dozen in a package; one-half gross in a box. No. 768.—Dixon's Hexagon. Secretary size. No. 2 grade. Maroon finish, gilt stamped. With screw thread, nickeled tip and rubber attachment One dozen in a package; one-half gross in a box. DIXON'S CABINET ← №2 718 No. 718.—Dixon's Hexagon Cabinet. No. 2 grade lead. Ebony finish, stamped in gold. With screw thread, nick-eled tip and rubber attachment. One dozen in a package; one-half gross in a box ......... Per gross \$ 8.00 No. 719.—Dixon's Hexagon Cabinet. No. 3 grade lead. Ebony finish, stamped in gold. With screw thread nickeled tip and rubber attachment. One dozen in a package; one-half gross in a box ...... Per gross \$ 8.00 No. 1285.—Dixon's Hexagon Sequoia. No. 2 grade lead. Yellow finish, stamped in gold. With screw thread, nickeled tip and rubber attachment. One dozen in a package; one-half gross in a box .... Per gross \$ 8.00 No. 315.—Tip-Top. No. 2 grade lead. Assorted finishes in the dozen. With neat nickeled tips and rubbers. Gross \$ 4.00 One-half gross in a box. No. 268.—Dixon's Artisan. Polished cedar, round shape with inserted rubber plug. One gross in a box. Per gross \$ 2.40 No. D.—Round shape. Plain cedar. One gross in a box...... No. 819 .- White wood polished marking pencil. Extra large diam. blue lead. Round shape. Half gro, in box, Gro. \$ 8.00





No. 73B .- Mephisto. Violet copying lead. Round shape. Rosewood finish One dozen in a package; one gross in a box.

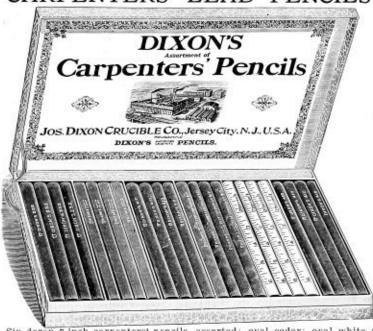
9.60



### LEAD PENCILS



### CARPENTERS' LEAD PENCILS



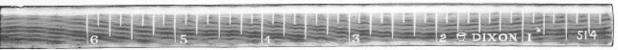
No. 429.—Assortment. Six dozen 7-inch carpenters' pencils, assorted; oval cedar; oval white wood, with 6-inch rule; oval mottled; oval stained red; and beveled edge satin finished. In neat display case...Per case \$ 4.00



7 IN MECHANIC'S UNION HIGH GRADE "NO-450

Ū DIXON'S 410 •

No. 410.—Polished cedar. Oval shape. 7 inches long. Onedozen in a package; one-half gross in a box. Per gross \$ 6.00



No. 514.—White Wood. Natural color. Oval shape. 7 inch es long. With 6-in. rule stamped in blue ink. Per gross \$ 4.80 One dozen in a package; one-half gross in a box.

"STERUNG BRAIND FOR QUALITY STAINDS"

### CRAYONS AND PENCILS

Style A

TERLIN HARDWARE CO.

Color



MARKING CRAYONS Sterling marking crayon, useful for marking on paper, cloth, leather, grass, crockery, metals and any polished surface. Indelible marks not affected by weather. Will not dry up or fade. Solid colors or assorted. 

### STAONAL Crayon No.1.

ACTUAL SIZE

Staonal crayon. About the thickness of an ordinary pencil and has great advantages over the ordinary crayon. Will mark on any material and water will not blur nor sun fade it. Solid colors, not assorted. One dozen in a box. 

> DIXON'S JAPANNED HEXAGON LUMBER PENCIL OSODIXON CRUCIBLE CO. JERSEY CITY N.J.

No. 361.—Dixon's black lumber. Hexagon shape, Japanned. One doz. in a package; six doz. in a carton. Per doz. \$1.20

4BER LEAD No.837 RED No. 838 BLUE No 839 GREEN.

No. 520.—Dixon's red lumber. Hexagon shape. Paper covered. One dozen in a box; six dozen in a carton. Doz. \$ 1.70

DIXONS No. 521 BLUE LUMBER CRAYON JOS DIXON CRUCIBLE CO JERSEY CITY, U.S.A.

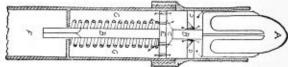
No. 521.—Dixon's blue lumber. Hexagon shape. Paper covered. One doz. in a box; six doz. in a carton. Per dozen \$1.70

S. DIXON CRUCIBLE CO. TERSEY CITY, N J., U.S.A. DIXON'S WORKER'S CRAYON, No. 524.

No. 400 .- Metal workers' crayon. Plain, no wrapper. Sawed out of solid soapstone, flat shape, chisel point. Size 5x1/2x ii in. One gross in a box ..... ...... Per gross \$ 4.00

CONTS PLAN SCAPSTONE.





Illustrates the pump, which is the distinctive feature of the Dexter Marker. Simple in construction, positive in action and supplies the felt tip with just the amount of ink required. The action is automatically regulated by the pressure exerted in marking.

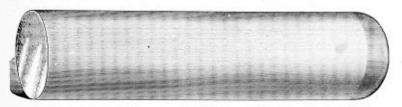


Dexter Marker. Made of brass, nickel-plated. A pump feed fountain marking device built on correct mechanical The ideal marker for shipping clerks, stock keepers, show card writers, etc. Will mark bundles, packages, crates, cases, boxes, burlap,-in fact intended to be used wherever a marking brush is required. Easy to fill, will not clog and cannot leak. With felt tip, and protector. Length about 10 inches. No. 200 .- Dexter Marker. With extra felt tip and can of marking ink .......

......Each \$ 2.00 No. 120.—Extra felt tips No. 10.—Ink powders ..... ......Per dozen



### CRAYONS AND CHALK RAILROAD CHALK CRAYONS

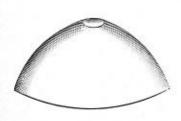


### SCHOOL CRAYONS





### CARPENTERS' CHALK





		Carpenters'	chalk.	Hemisphere	shaped	cak	es.	
White		Carpenters			Per	box	(1/2 gross)	\$ .70
Blue.	-					550		-00
Red.	1					"		-80

### DIVIDER AND COMPASS



### ERASERS



No. 877.—Pencil and typewriter eraser. Narrow shape, Per dozen \$ 1.20 One dozen in carton; six dozen in box.

### PENS

	I LITO
Vo	87 FALCON PEN
No	Per gross \$ 1.50
No	1.—Bronze Finish, Bank.
	Per gross, \$ 1-50
No	. 101.—White Finish, Ledger Per gross \$ 1.50
No	28.—White Finish, Fine Elastic Per gross \$ 1.50
No	o. 4.—White Finish, Carbon Stub Per gross \$ 1.50
	S FINE STUB
No	o. 102.—White Finish, Fine StubPer gross \$ 1.50 All Pens one gross in a box.

### PEN HOLDERS



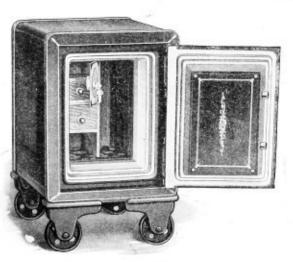
No. 1041.—Assortment containing 12 penholders of various shapes in cork, soft and hard rubber and wooden tips.

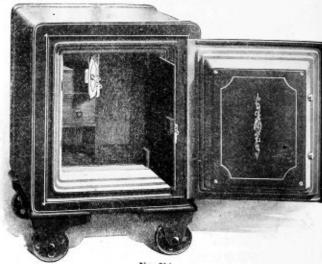
Mounted on neat card. Card \$ .90



No. 915.—Assortment containing 12 penholders of various shapes and in rich colors. Antiseptic glass finish. On neat display card,...Per card \$ 1.50

### SAFES

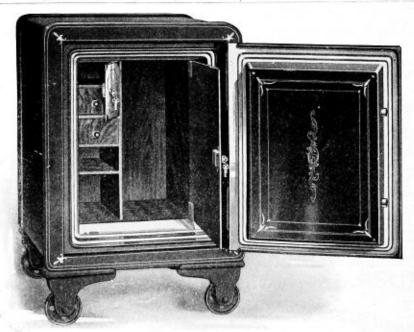




No. 2

No. 21/2

	OUTSIDE MEASUREMENT-INCHES			INSIDE MEASUREMENT-INCHES			Billing	Without Inner	With Inner
Nos.	Hign	Wide	Deep	High	Wide	Deep	Weight Pounds	Door Each	Door Each
2 2½	25 26	15 17¾	17½ 18½	12 13	8 10	9 10	350 425	\$ 16-00 18-00	\$ 17.50 20.00



No. 4

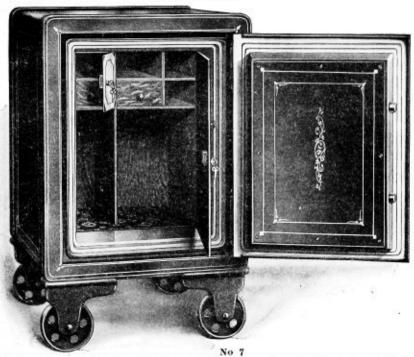
	OUTSIDE MEASUREMENT-INCHES			INSIDE N	MEASUREMENT—IN	CHES	Billing	Without Inner	With Inner	
Nos-	High	Wide	Deep	High	Wide	Deep	Weight Pounds	Door Each	Door Each	
3	291/2	19	191/2	15	111	10	525	\$ 22.50	\$ 25.00	
31/2	311/4	20	211/2	17	12	12	675	25.50	27.50	
31/2HH	311/4	20	211/2	17	12	12	675	32.00	34.00	
4	34	223/4	221/2	19	14	13	800	28.00	30.50	

Body of safe made of one continuous sheet of heavy wrought steel, forming top, bottom and two sides, securely riveted at the bottom and to two heavy wrought steel front and back angle frames. Doors covered with solid plates of wrought steel and are closed by heavy round bolts which extend from both sides of the door into the jamb. Door frames have from 3 to 7 fianges or offsets. The fit of the doors is as close as is possible without binding and gives the least open crack for the admission of heat or water. Cabinet has sheet steel covering so that the fire-proof filling is contained between steel plates. All bolt parts, hinge tips and safe handle heavily nickel-plated. Cabinet made of yellow poplar, imitation cherry finish. Drawer fronts of solid oak and door jambs and door frame finished in silver or aluminum.

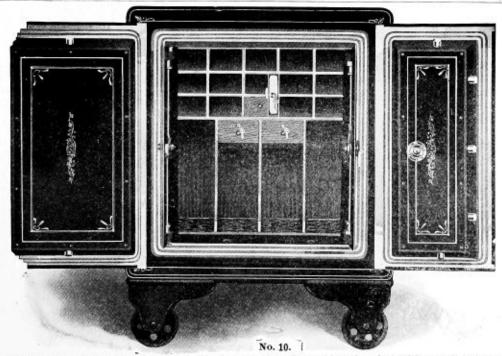
Not carried in stock. Shipped from factory direct.



### SAFES



OUTSIDE MEASUREMENT—INCHES		DE MEASUREMENT—INCHES INSIDE MEASUREMENT—INCHES				Billing	Without Inner	With Inner	
Nos.	High	Wide	Deep	High	Wide	Deep	Weight Pomnds	ght Door	Door Each
5	373/4	233/4	221/2	21	143/4	13	900	\$ 32.00	3 34.50
6	383/4	24%	231/2	213/4	153/4	14	975	35.00	38.00
7	41	263/4	231/2	24	173/4	14	1100	39.00	42-50

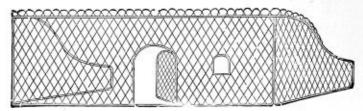


Double door heavy wall fire-proof safes. Similar to others in construction, but with two doors and fitted with Yale 'O B.' combination locks of unlimited changes. All with double steel inside doors.

	OUTSIDE MEASUREMENT-INCHES			INSIDE MEASUREMENT—INCHES			Billing	
Nos.	High	Wide	Deep	High	Wide	Deep	Weight Pounds	Each
10	471/4	361/4	291/2	261/2	243/4	17	2250	\$ 96.00
12	533/A	371/4	30	34%	263/8	17	2700	120.00
14	613/4	373/4	31	41	25	18	3000	136.00

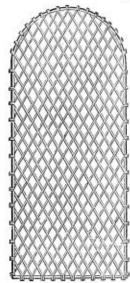
For description covering construction, finish, etc., see Page 746. Not carried in stock. Shipped from factory direct.

### WIRE COUNTER RAILING



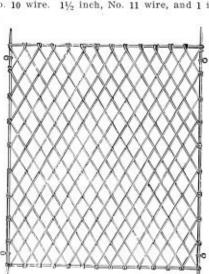
No. 14.—Crimped wire counter railing. Designed especially for store counters and offices where an ordinary railing is required. The frame is five-sixteenths inch round iron and the wire 1½ inch crimped Diamond mesh. It is desirable to have the ends turned in to belp support or strengthen it and make it firmer, unless each end can be stapled to wood work. Painted and trimmed in gilt bronze. Made either with small cash holes, large cash holes with or without door; or with O. G. ends. Made up in any desired length or size.

### WINDOW GUARDS



Crimped window guards.

Crimped Window Guards. For church and factory windows. Made regularly in the following meshes: 2 inch, No. 10 wire. 11/2 inch, No. 11 wire, and 1 inch No. 13 wire.

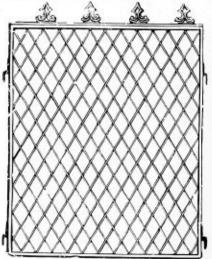


Diamond, round iron frame window guards.
Diamond Round Iron Frame Window Guards to lift
off. Used on residences, offices and public buildings.
Made regularly in the following meshes: 2 inch, No. 10
wire. 1½ inch, No. 11 wire, and 1 inch No. 13 wire.



Crimped window guards with ventilator

Orimped Window Guards with door for ventilator. For church or factory windows. Made regularly in the following meshes: 2 inch, No. 10 wire. 1½ inch, No. 11 wire, and 1 inch No. 13 wire.



Diamond picket top window guards.
Diamond Picket Top Window Guards. For store
fronts, banks and office railing. Made regularly in the

following meshes: 2 inch, No. 10 wire.  $1\frac{1}{2}$  inch, No. 11 wire and 1 inch, No. 13 wire.

Prices furnished on all of above upon request, giving number of guards, size of openings, size of mesh and weight of material wanted.

### HEATING A LIGHTING DEPARTMENT



STOVES, LANTERNS, LAMPS

LOGAN = GREGG HARDWARE CO.
PITTSBURG

### STERLING GAS STOVES

ROLL TOP

Illuminating Flame Gas Heater for Natural or ArtificialGas





No. 2.—Height 23 in., width 10 in., depth 9 in. Cast iron pipe ring suitable for 3 in. pipe. Consumes from 2 to 10 feet of gas per hour and is suitable for bath or hall rooms.









No. 12.—Height 28½ in., width 26 in., depth 9 in.
Cast iron pipe rings suitable for 3 in. pipe.
Consumes from 3 to 30 feet of gas per hour
and is suitable for storerooms or large halls.
Each

Sterling reflector gas stove. Illuminating flame gas heater for natural or artificial gas. Made of fine grade polished iron with highly polished copper reflector back. Imported Lava tip jet burners with large roll top and heavy cast iron nickel-plated corners and large feet. Feet securely bolted and reinforced from the inside, making very rigid. Combination gas cook with iron pipe thread and hose end combined. With patent lighter. Every feature to be desired in an up-to-date and efficient heater will be found in this stove.

Every stove fitted with Nickel Plated combination cock with iron pipe thread and hose end combined.

Stepung Brand for Quauty Stances"

### NATURAL GAS STOVES

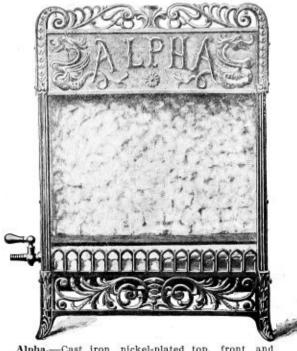
THREE-INCH FLUE CONNECTIONS.

### EUREKA



Eurcka.-Body of Wellsville polished steel. Asbestos back and base burner. Height 20 in., width 16 in., depth 9 in. Brass cheeks and fender. Nickel-plated feet and knobs. With hose cock. 3 inch flue connection ...... Each \$ 4.00

### ALPHA



Alpha.—Cast iron nickel-plated top, front and legs. Plated rods and fender. Asbestos back and base burner. Sheet iron body. Height 22 in., width 151/2 in., depth 8 in. 

### RADIUM



Radium.—Polished steel front, planished brass fender and reflectors. Nickel-plated knobs and name plate. Asbestos back and base burner. Height 201/2 in., width 16 in., depth 9 in. Construction pro-vides heating chamber in back which opens into register on top doubling the heating capacity. With hose cock. 3 inch flue connection ...... Each \$ 4.50

### FLORA



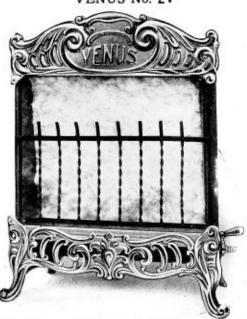
Flora.—Body of the best polished steel with flat register top and Venetian iron dress guard. Nickel-plated cast legs, name plate and knob. 16 in. base burner and asbestos back. A thoroughly reliable heater of medium size, capable of heating any ordinary size dwelling room. With hose cock. 3 in. flue connection ...... Each \$ 6.00

"STERUNG BRAND FOR QUALITY STANDS"

### NATURAL GAS STOVES

THREE INCH FLUE CONNECTIONS VENUS No. 1V

VENUS No. 2V

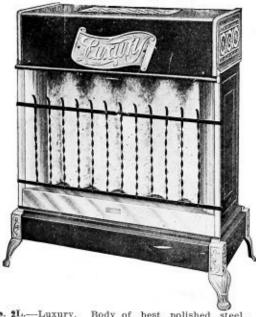


-Venus. Body of Wellsville polished steel. With steel base burner. Height 22 in., width 18 in., depth 8 in. With brass No. 2V.-Venus. cheeks and fender, and Venetian iron dress guard. Unique construction provides heating chamber in back which opens into register on top. Finished in nickel. 3 in. flue connection ...... Each \$ 5.00



No. 1V .-- Venus. Wellsville polished steel jacket. With steel base burner and Mica front. Height 22 in., width 18 in., depth 8 in. With brass cheeks and fender. Heating chamber in back opens into register on top doubling the heating capacity. Handsomely finished in nickel-plate. 3 in. flue connection .... Each \$ 6.50

### LUXURY No. 2L



No. 2L .- Luxury. Body of best polished steel. Venetian iron guard and planished brass reflector. Nickel-plated feet, panels, register top and name plate. Height 27 in., width 25 in., depth 12 in. Owing to construction of burner and fire wall this heater has one-third greater flame and radiating surface than the regulation stove. 3 in flue connection. Wood handle hose cock ...... Each \$ 12.00

### LUXURY No. 1L



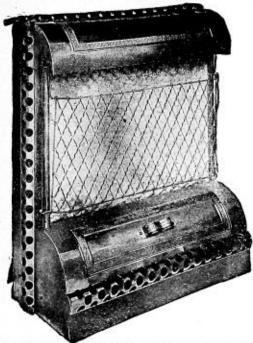
No. 1L .- Luxury. Body of Wellsville polished steel. Venetian iron guard. Entire front beautifully finished in nickel-plate including ornamental cast iron top and base. Brass cheeks and fender. Height 291/2 in., width 24 in., depth 12 in. The corrugated fire wall with burner jets in conformity give one-third greater capacity than regulation stove of this size. 3 in. flue connection ...... Each \$ 14.00

STEPLING BRAND FOR QUALITY STANDS"



### NATURAL GAS STOVES OF THREE INCH FLUE CONNECTIONS OF THREE INCH FLUE CONNECTIONS

PITTSBURG



Pittsburg. Base burner. Perforated sides and top. Height 26 in., width 20 in., depth 12 in. 3 in. flue con-

nection. Without guard.			
No. 400Black planish finish	Each	S	7.50
No. 401B.—Brass trimmed	**	. 7	8-50
No. 401N.—Nickei trimmed	**		8.50
No. 401C Antique copper trimmed	44		8.50
No. 402B.—All brass finish	44		12.50
No. 402N.—All nickel finish	4.4		12.50
No. 404Wire guards for same, extra	**		.70





No. 17.—Dominator. Body of polished blue steel. Cast feet, foot rail and top, nickel-plated. Front trimmed with polished brass and black dress guard. Height 26 in., width 23 in , depth, 13 in. Fire front 19x11 in. 3 in. flue connec-..... Each \$ 14.85



REGINA

Open front. Burner and exposed parts of solid metal. Front protected by neat dress guard, tinned.

with nose cock and 3 then nue connection.		
Small size. Fire front 23x11 in. For room		
No. 2.—24x14x8¾ inches. Polished brass.	Each S	16.40
No. 4 24x14x834 inches. Nickel plated	84	17.35
No. 6 24x14x83/4 inches. Oxidized copper	**	16.40
Large size. Fire front 23x13 in. For room	ns 22 ft.	sq.
No. 1.—26x21x101/2 inches. Polished brass	Each \$	22.35
No. 326x21x101/2 inches. Nickel plated	**	23.65
No. 5 26x21x101/2 inches. Oxidized copper	**	22.35

### VOLCANO



No. 15.—Volcano. Body of polished blue steel. Cast feet, foot rail and top, nickel-plated. Front trimmed with polished brass and black dress guard. Height 26 in., width 23 in., depth 13 in. Fire front 19x11 in. With central draft burner and tubular radiation in back. For room 22 ft. square. With hose cock. 3 inch ..... Each § 17.05 flue connection

STERUNG BRAND FOR QUALITY STANDS



### PALACE GAS STOVES





No. 6A.

Nos. 6, 8, 10 and 12

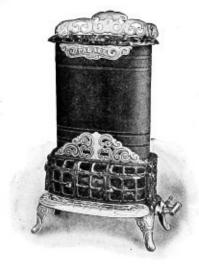
No. 6A.—Height 27 inches, width 14 inches, depth 10 inches. Artistic design and handsomely nickel trimmed.

Primarily a heater but the flat top with swinging dome and cresting and removable lid make it a handy stove for use in the dining or sick room.

No. 6. —Height 25 inches, width 14 inches, depth 10 inches

Primarily a heater but the nat top with swinging done and descend the swinging hand to be a swinging and the swinging hand to be a swinging to be a swinging hand the swinging hand to be a swinging a swinging hand to be a swinging a swinging hand the swinging hand t 9.00 10.00 ing feet nickel-plated No. 10. —Height 36 inches, width 18 inches, depth 10 inches. Wellsville polished jacket, all trimmings including feet nickel-plated ..... 12.00 No. 12. —Height 39 inches, width 21 inches, depth 101/2 inches. Wellsville polished jacket, all trimmings including feet nickel-plated Each

All above fitted with hose cock for % inch pipe connection. No. 12 has 4 inch flue collar; other numbers 3 inch flue collar.



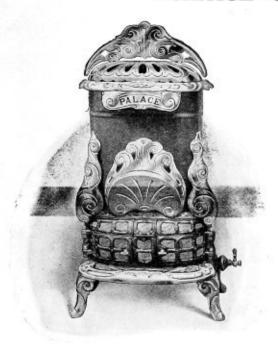


Nos. 14, 16 and 18 Nos. 20, 22 and 24	
No. 14.—Height 31 inches, width 15 inches, depth 13½ inches. Cast iron construction with Wellsville jack Neatly trimmed in nickel plate	
No. 16.—Height 36 inches, width 18 inches, depth 131/2 inches. Cast iron construction with Wellsville jack	et.
Neatly trimmed in nickel plate. Loop burner Ea	h 16.00
No. 18.—Height 41 inches, width 22 inches, depth 141/2 inches. Cast iron construction with Wellsville jack	et.
Neatly trimmed in nickel plate. With double burners Ea	ch 22.00
No. 20.—Height 31 inches, width 15 inches, depth 13½ inches. Full cast iron with ornamental cast iron from and Wellsville jacket. Highly ornamental	ch 15.00
No. 22.—Height 36 inches, width 18 inches, depth 131/2 inches. Full cast iron with ornamental cast iron from	nt.
and Wellsville jacket. Highly ornamental. Loop burner Ea	ch 19.00
No. 24.—Height 41 inches, width 22 inches, depth 141/2 inches. Full cast from with ornamental cast from fro	nt
and Wellsville jacket. Highly ornamental. Double burners Ea	ch 25.00
All above fitted with hose cock for 3/4 inch pipe connection. Nos. 14 and 20 have 3 inch flue collars; N 22 and 24 have 4 inch flue collars.	os. 16, 18,

For sectional view of construction and "Palace Points" see page opposite.



### PALACE GAS STOVES





Nos. 14A, 16A and 18A

Nos. 26, 28 and 30

No. 14A.—Height 35 inches, width 15 inches, depth 13½ inches. Handsome in design and beautifully ornamented. 3 inch flue collar Each \$	15.00
No. 16A.—Height 40 inches, width 18 inches, depth 13½ inches. Of handsome design and beautifully ornamented. With loop burner. 4 inch flue collar	19.00
No. 18A.—Height 45 inches, width 22 inches, depth 14½ inches. Handsomely designed, beautifully ornamented and of high efficiency. With double burners. 4 inch flue collar	25.00
Nos. 14A, 16A and 18A fitted for 3% inch pipe connection.	
No. 26. —Height 46½ inches, width 21½ inches, depth 14½ inches. Double burners. Exclusive design with large fire box. Mica encased	28.50
No. 28.—Height 48 inches, width 24 inches, depth 14½ inches. Handsome in appearance and finish. Double burners. Large fire box, Mica encased	31.00
No. 30. —Height 49½ inches, width 27 inches, depth 14½ inches. Extra large fire box, Mica encased. Double burners, adjustable valves. Beautiful in appearance and finish	34.00
Nos. 26, 28 and 30 fitted with adjustable flue ring, adjustable valves and for 1/2 inch pipe connection.	



### PALACE POINTS AND SECTIONAL VIEW

Illustrations show the interior of the Palace heater. The capacious fire box is well filled with artificial fuel (indestructible fire clay) which is retained in a cast i ron grate and directly beneath which the burners are placed. The fuel becomes incandescent from the heat and imparts a ruddy glow giving a sense of warmth and cheerfulness, characteristic of the hard coal fire. The products of combustion or fumes take the course as shown by the arrows (black) going nearly to the top of the heater where they escape into the hot air chamber. The opening for its escape from this chamber is nearly at the bottom of the opposite side, thereby compelling a thorough circulation before it reaches the flue. The air is drawn from the room into the chamber at bottom of stove and follows the course shown by the arrows (white), passing over the fire-box into the tubes in the hot air chamber. In this course it comes into contact with a large heating surface and practically every heat unit is utilized.

Absolutely free from odor when properly connected to flue. All joints perfectly tight and sealed with asbestos cement.





### DRUM GAS HEATING STOVES









	*****	110. 10	110. 100	110. 100
No.	0.—Orion.	Plain finish. Height 18 in. Drum 6 in.	6 arm star burner. Tubing connection	n Each \$ 1.60
No.	10Orion.	Plain finish. Height 18 in. Drum 6 in.	6 arm star brass burner. Hose cock	" 1.80
No.	100.—Orion.	Aluminum finish. Height 19 in. Drum	7 in. 6 arm star brass burner. Hose	cock " 2.50
No.	150.—Orion.	Aluminum finish. Height 23 in. Drum	7 in. 6 arm star brass burner. Hose	cock " 3.00

The Orion drum heating stove is made with cast top and base and polished steel drum. Fitted with star burners made of seamless brass tubes screwed in a solid cast head. The burner is drilled for illuminating, 5 jets in each arm and is fitted for either gas.

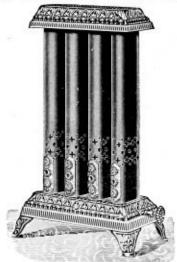


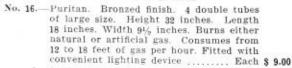
### PITTSBURG BATH ROOM HEATER

Pittsburg bathroom heater. Cast base frame and top. Sheet steel jacket or body. Height 18 inches, width 13 inches, depth 5 inches. A convenient little heater built on the order of a radiator, and which on account of its shape will be found very convenient for use in the bathroom or any small hall rooms. An efficient heater—neat in appearance and built for service.

No. 650.—Plain finish	Each	\$ 6.00
No. 651.—Nickel finish	**	7.00

### PURITAN DOWN DRAFT GAS RADIATORS







No. 18.—Puritan. Bronzed finish. 6 double tubes of large size. Height 32 inches. Length 25 inches. Width 9½ in. Burns either natural or artificial gas. Consumes from 18 to 25 feet of gas per hour. Fitted with convenient lighting device ...... Each \$ 12.06

In the down draft radiators each tube has 6 jets, and, as tubes are very large, capacity is very great. Each tube has a small inside tube through which heat ascends and is then carried down and discharged through perforations of the outer tube.



### COAL STOVES AND SALAMANDERS

SAND DRIER



Sand drier. For railroads, trolley lines, contractors, coal operators, etc. Very massive and practically indestructible. Wet sand is shoveled into skirting and as it dries will of itself run through the holes in the ring at the bottom. Under ordinary conditions No. 1 will dry about 10 tons daily; No. 2, 5 tons daily.

No. 1.—Weight about 1200 pounds ...... Each \$ 75.00 No. 2.—Weight about 700 pounds ...... " 60.00

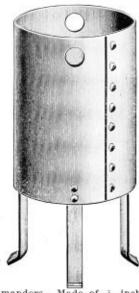
Not carried in stock shipped from factory direct.

# MONARCH ORAPP & OO ONARCH FIVESBURGH P

Monarch. Triple motion round grate. Hot blast cone super-heater —a smoke and gas consumer.

Nos	3	4	45	5	6
Height, in	37	41	44	45	47
Fire pot, in	141/2	18	18	20	23
Weight, lbs	215	305	325	453	632
Pipe collar, in.	6	7	7	7	7
Each \$	20.00	28-50	31.00	42.00	54.00

STEEL SALAMANDERS



### JUNIOR OAK TREMONT



Junior Tremont Oak. Hard or soft coal or wood. Body of 18 gauge cold rolled steel. Nickeled trimmings. 12 13 10 11 Height, in. ..... 37 40 41 45 Fire pot, in. ..... 11 12 13 10 Pipe Collar, in. ... 5 14.70 Each ..... \$ 10.70 11.90 13.30



### COAL HEATING STOVES

### MODOC



### MODOC.

 ${\rm A}$  low priced reliable stove, shaking and dump grate.

1	Nos	16	17	18	19
		27	28	30	32
		9	10	11	12
	Pipe Col., in.	5	5	6	6
	Each \$ 5	.04	6-00	7.56	8-82
	Nos	2000	20	21	22
	Height, in		34	36	38
	Fire Pot, in		131/2	15	17
	Pipe Collar, in		6	6	7
	Each	5	10.80	13.20	15.96

### ORE.

A reliable modern stove. Dump and shaking grate.

10				
Nos	1	2	3	4
Height, in	36	38	401/2	421/2
Fire Pot, in	111/2	13	14	16
Pipe Collar, in.	41/2	51/2	6	7
Each \$	9.00	10.20	12.90	17.00





KING



Chieftain. Extra heavy and durable. Flat top.
Triple motion round grate. For stores, warehouses and
factories. Cone radiator draws in cold air from outside.

Nos	14	16	18	20
Height, inches	36	39	42	45
Fire Pot, in	14	16	18	20
Weight, Ibs	175	250	305	430
Pipe Collar, in	6	7	7	. 7
Each	\$ 16.80	22.00	27.60	36.00



King. Plain heavy powerful heater. Shaking and dumping grate. Adapted especially for heating school

houses, halls, factorie	s, etc.			
Nos	21	22	23	24
Height, inches	45	481/2	51	54
Fire Pot, in	16	19	20	22
Weight, lbs	185	250	320	460
Pipe Collar, in	6	6	7	8
Each \$	18-20	22.80	29.00	40.00



### COAL HEATING STOVES

RUBY



Ruby Tremont. Swinging draft door. Basket grate. Swinging ornamental top. Cast linings. Collar for 6 inch pipe.

No. 7.—Two 7 inch holes. Top 10½x19 in. Each \$ 8.50 No. 8.—Two 8 inch holes. Top 11½x21 in. " 10.00

### MAYBELL GRAFTON



Maybell Grafton. Adjustable blower. Nickel trimmed. Basket grate, shaking bottom. Tile lining. Swing top, with lid beneath.

VIOLET



Violet Tremont. Extended hearth. Dumping basket grate. Hinged feed doors. Cast linings. Collar for 6 inch pipe.

No. 7V.—Two 7 in. holes. Top 10 x20 in. Each \$ 8.50 No. 8V.—Two 8 in. holes. Top 12½x22 in. " 10.25

TREMONT AIRTIGHT



Tremont Air-tight. Hard or soft coal or coke. Nickeled swing top. Double heater, Collar for 7 inch pipe.

No. 14.—Fire pot 14 inches in diameter ... Each \$ 34.00
No. 16.—Fire pot 16 inches in diameter ... " 38.50
Extra for nickeled main top, feet and skirting 4.30
Illustration shows full nickeled but plain finish stove

will be shipped unless otherwise ordered.

"STERUNG BRAND FOR QUALITY STANDS"

8.50

### OIL HEATING STOVES







No. 1618

No. 1618.—Buckeye. Height (bail down) 25 inches. All steel. Polished steel drum, 8 inches in diameter. Steel reservoir, 4 quarts. Top, aluminum finish; legs, base-ring and drum-base finished in black. Wick 8½ inches in circumference Each \$ 5.50

No. 149. —Puritan. Height (bail down) 27½ inches. All steel. Polished steel drum, 8 inches in diameter. Steel reservoir, 4 quarts. Top, nickel-plated; legs, base-ring and drum-base finished in black. Wick 8½ inches in circumference Each So. 158. —Puritan. Height (bail down) 27½ inches. All steel. Polished steel drum, 8 inches in diameter. Brass reservoir, 4 quarts. Nickel-plated top, legs, base-ring and drum-base. Wick 8½ inches in

### OIL COOKING STOVES



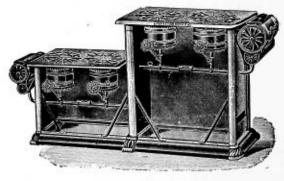
No. 812.—Two burners. Size of top 14 inches wide and 22 inches long. Height 121/2 inches. Each

Each \$ 6.75 No. 852.—Two burners. Size of top 15 inches wide an 23 inches long. Height 27 inches.



No. 813.—Three burners. Size of top 14 in. wide and 32 inches long. Height 121/2 inches. Each

No. 853.—Three burners. Size of top 15 in. wide and 32 inches long. Height 27 inches. Each



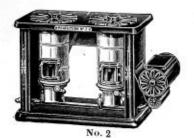
No. 845.—Three burners on main top and two burners on step. Total length 5 feet 6 in. Size of main top 18 in. wide, and 33 in. long. Height 27 inches. Size of step top 15 in. wide and 23 in. long. Height 16 in. Each

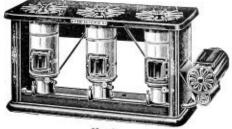
Perfection wickless, blue flame oil stoves are equipped with a patent grate which prevents boiling over into the burners. Japanned finish, tanks extra heavy and every stove guaranteed to give satisfaction if operated according to printed instructions accompanying same.



### OIL COOKING STOVES

NEW PERFECTION WICK







No. 3

No. 2L and style of 31

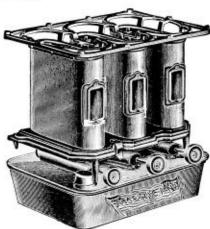
No. 2Two	burners.	Size of top 14 inches wide and 22 inches long.	Height 171/2 inches Each \$	8 8-25
No. 3Three	burners.	Size of top 14 inches wide and 32 inches long.	Height 171/2, inches "	11.25
No. 2L.—Two	burners.	Size of top 14 inches wide and 22 inches long.	Height 30 inches "	9.00
No. 3L.—Three	burners.	Size of top 14 inches wide and 32 inches long.	Height 30 inches "	12.00
No. 180.—Extra	wicks and	tubes complete for above stove		2.70

The New Perfection wick stove above described is as near perfection as human skill and modern machinery can make it. Artistic in design, chimneys enameled in blue, making them rust-proof and easily cleaned. The flame may be instantly controlled by the operator the same as an oil lamp. Oil supplied to give a uniform flame at all time.

### LAMP OIL STOVES







No. 20

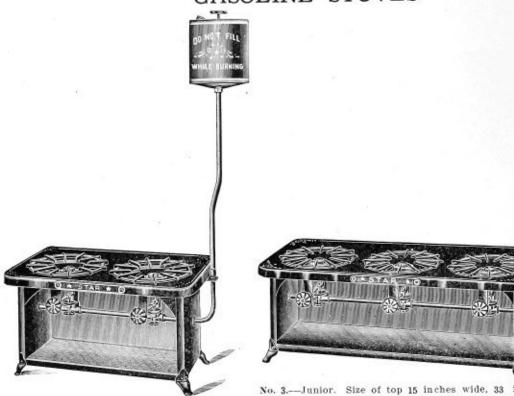
No. 01.—Daisy. No. 02.—Daisy. No. 03.—Daisy.









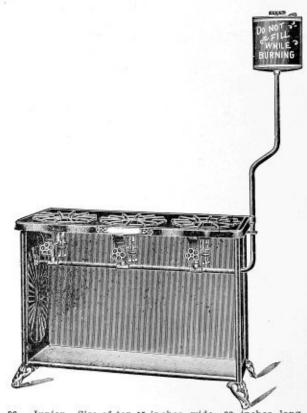


No. 2.—Junior. Top 15 in. wide, 22 in. long. Height 14 in. . . . Each \$ 5.00





No. 20.—Junior. Top 15 in. wide, 22 in. long. Height 24 in. . , Each \$ 7.00



No. 30 .- Junior. Size of top 15 inches wide, 33 inches long. Height 24 inches ...... Each \$ 9.50

Fitted with cast iron burner caps and mechanical orifices. Cabinet frame, finished in hard baked black Japan.

22.00

27-50



### COAL COOKING STOVES



### ROYAL

Royal Cook, Large fire box and basket grate. Square top and pouch feed. Cast ash pan. Nickeled panels. Collar for 7-inch pipe.

No.	714	-Four 7-inch holes; oven bottom
		14x13 inches Each \$ 17.00
No	010	Pour ofest below and to

No. 918.—Four 9-inch holes; oven bottom 18x20 inches ...... Each



### **OMAHA**

Omaha Cook. Heavy weight, well made. Nickel name plates. Cut long center. Deep basket grate. Collar for 7-inch pipe.

No. 716.—Four 7-in	h lids; oven 16x16x11	
inches	Each \$ 23	3.75

No. 818.—Four 8-inch lids; oven 18x18x 121/2 inches ...... Each

No. 920.—Four 9-inch lids; oven 20x20x 13½ inches ...... Each 30.00



### GRAFTON LAUNDRY

No. 2.—Grafton Laundry. Adapted for laundry or farmers' use. Has ringed top, providing a 9, 14 or 18-in. opening, as desired. Height 25 inches; diameter of top 25 in. Collar for 7-inch pipe..... Each \$ 28.00



### COAL RANGES

MANOR TREMONT



Manor Tremont. For hard or soft coal. With basket grates. Right or left hand. (The above is a cut of a left hand range.) Sheet flue. Collar for 7-inch pipe.

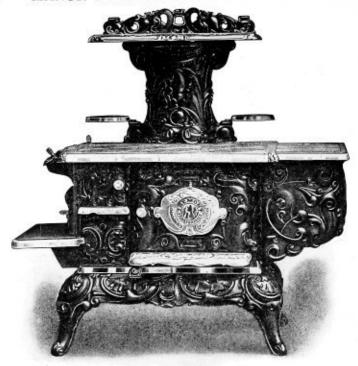
No. 8018.—Six 8-inch holes; oven, 18x18x11½ inches

No. 8020.—Six 8-inch holes; oven, 20x20x12 inches

No. 9020.—Six 9-inch holes; oven, 20x20x12 inches

" 38.75

### MANOR TREMONT WITH HIGH SHELF



Manor Tremont. With No. 18 high shelf and 5-gallon detachable porcelain lined reservoir. Right or left hand (the above is a cut of a left-hand range.) Collar for 7-inch pipe.

No. 8018R.—Six 8-inch holes; oven,18x18x11 inches	Ea	ich S	\$ 47.00
No. 8020R Six 8-inch holes; oven, 20x20x12 inches		**	51.75
No. 9020R.—Six 9-inch holes; oven, 20x20x12inches		64	51.75

Manor Tremont Ranges. Either right or left hand. Smoke collar interchangeable, top or rear; has clean-out in front. The fire box is oval and has cast linings, all thoroughly ventilated. The novel construction of the fire box and the flue system, which heats the oven on five sides, makes it easy to bake with little fuel. The nickel parts are as shown Are fitted with Basket Grates and are made for hard or soft coal. If wanted with Duplex Grate add \$1.00 to above lists.



### GRAFTON STEEL RANGES





Nos. 716 to 920.

Nos. 716R to 920R.

Grafton Steel Ranges for Hard or Soft Coal or Wood.

With nickel-plated steel edge band; wood door; shaker door; ash pit door; clean out door; oven door frame, handle, catch and supports; oven door panel; name plate; corner strips.

The body is made of heavy planished steel of a refined quality. All parts that are exposed to the direct action of the fire are of double thickness, with an asbestos mill board between, all securely riveted together. The top frames are cut in four sections to prevent cracking and warping. They are bolted together and are made to receive panel sections, which are interchangeable. The ovens are made of 14 gauge wrought steel and are extra large and high. The flue box is made of cast iron, with corrugated back section, to prevent cracking. The construction of the oven damper permits the heating of the entire top of the range without the heat passing around the oven, and gives the user absolute control of the fire. The direct draft damper, operated from the top of the range, insures a quick fire. The fire box is of good capacity, the fixtures being interchangeable for all sizes. All collars made for 7-inch pipe.

### WITH HIGH CLOSET AND CAST IRON BASE, RIGHT OR LEFT HAND.

No.	No. and	Size of Ovens			Top with	End Shelf	Lists			
	Size of Lids	Width	Height	Depth	Length	Width	Coal	Wood	Coal and Wood	
716	6-7 in.	161/4 in.	13 in.	201/2 in.	44 in.	29 in.	8 49.25	8 47.75	\$ 52.50	
816	6-8 "	161/4 "	13 "	201/2 "	44 "	29 "	49.25	47.75	52-50	
818	6-8 "	181/4 "	13 "	201/2 "	46 "	29 "	53.75	52.25	57.00	
918	6-9 "	181/4 "	13 "	201/2 "	46 "	29 "	53.75	52-25	57-00	
820	6-8 "	201/4 "	13 "	201/2 "	48 "	29 "	58.25	56.75	61.50	
920	6-9 "	201/4 "	13 "	201/2 "	48 "	29 "	58.25	56.75	61-50	
Add fo " "	r Cast water from Cast base Nos. Cast base Nos. Wood extension	716 and 816 818 and 918 n on Coal r	3 anges	1-60 1-80	Less nic Less for	Nickel-plati: kel corner : Steel high	ng cast bas strips—ded closet—de	920 euctduct		

### WITH PORCELAIN LINED CAST RESERVOIR, HIGH CLOSET AND CAST IRON BASE, RIGHT OR LEFT HAND.

	No. and		Size of Over	ns	Top, with	Reservoir		Lists	
No.	Size of Lids	Width	Height	Depth	Length	Width	Coal	Wood	Coal and Wood
716R	6-7 in.	161/4 in.	13 in.	20½ in.	48 in.	29 in.	\$ 58.85	\$ 57.35	\$ 62.10
816R	6-8 "	161/4 "	13 "	201/2 "	48 "	29 "	58.85	57.35	62.10
818R	6-8 "	181/4 "	13 "	201/2 "	50 "	29 "	63-35	61.85	66 60
918R	6-9 "	181/4 "	13 "	201/2 "	50 "	29 "	66.35	61-85	66.60
820R	6-8 "	201/4 "	13 "	201/2 "	52 "	29 "	67.85	66.35	71.10
920R	6-9 "	201/4 "	13 "	201/2 "	52 "	29 "	67.85	66-35	71.10

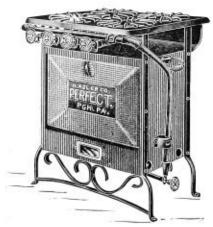
Add for cast base, Nos. 716R and 816R. \$ 1.60
Add for cast base, Nos. 818R and 918R 1.80
Add for cast base, Nos. 820R and 920R 2.00

Add for cast base, Nos. 820R and 920R 2.00

Other extras as per above.



### PERFECT COOKERS





Perfect Cookers. Oven of blued steel, tin lined. Top is finished in bright Japan. Fitted with improved adjustable air mixers and needle valves. Built in a substantial manner and popular in price. Furnished regularly adjusted for natural gas, but when so requested will be supplied to work with manufactured gas.

No. 20.—2 hole; top 24x17 inches; oven 21\( \frac{1}{2}x18\) 2x13 inches	E	ach \$	8.50
No. 21.—3 hole; top 24x21 inches; oven 211/2x181/2x13 inches	'	46	10.00
No. 224 hole; top 24x21 inches; oven 211/2x181/2x13 inches		46	11.50

### GAS RANGES AND RANGETTES



Sterling. Baking oven. Nickel supply pipe, door frame and name plate. Enameled body, asbestos lined. Cast iron oven bottom. Lift-out star burners. Four 8-inch holes with 4 closed and 2 open lids. Burner equipment; 1 Giant, 1 simmering and 3 Standard for top; 1 long two-line for oven. For natural gas. Collar for 4-inch pipe.



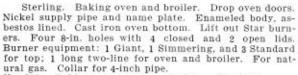
Grand Acme Rangette. Full closed range top fitted for natural gas. With removable end shelves. One plece drilled Star burners and needle valves. Cast name plate. Hinges, Mica frame and feet, nickel-plated. Valve line supply pipe nickel-plated. Large oven with drop door. Will be furnished unless otherwise ordered fitted for natural gas. This same design, however, with open top and lever valves can be furnished for manufactured gas when ordered. Collar for 4 inch pipe.

No. 500A.—Oven 211/2x181/2x13 inches...... Each \$ 17.50

"STERUNG BRAND FOR QUALITY STANDS"









Sterling. Baking and roasting ovens. Drop oven doors. Nickel supply pipe and name plate. Enameled body, asbestos lined. Cast iron oven bottom. Lift-out Star burners. Four 8-inch holes with 4 closed and 2 open lids. Burner equipment: 1 Giant, 1 Simmering and 3 Standard for top; 1 long two-line for oven. For natural gas. Collar for 4-inch pipe.



Sterling. Baking and roasting ovens and water heater. Nickel supply pipe and name plate. Enameled body, as-bestos lined. Cast iron oven bottom. Lift-out Star burners. Six 8-inch holes with 6 closed and 2 open lids. Burner equipment: 1 Giant, 1 Simmering and 3 Standard for top; 2 drilled burners for water coil and 1 long two-line for oven. Water heater is supplied with wrought iron water coil. Top of water heater can be used for general cooking. The 2 covers and center may be removed from the top and a long griddle substituted for cake baking. Collar for 4-inch pipe.

STERUNG BRAND FOR QUALITY STANDS"





Sterling. Closed top. Complete flue system. Lift out Star burners, needle point valves with 34-inch valve line. Balanced doors. Burner equipment, three Standard, one Giant, one Simmering and two oven burners. Broiler pans wire oven racks, and two extra open lids with each range. Collar for 5-inch pipe.

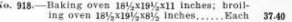
### Polished Steel, Asbestos Lined Body.

### No. 715.—Baking oven 161/2x161/2x11 inches; broiling oven 161/2x161/2x81/2 inches .... Each \$ 28.80

### No. 718.—Baking oven 181/2x181/2x11 inches; broiling oven 181/2x181/2x81/2 inches .... Each 32.90

### Cast Iron Body, Cast Oven.

No.	916 Baking oven	161/2x171/2x11 inches;	broil-	
	ing oven 161/	2x171/2x81/2 inches	Each S	33.30
No.	918 Baking oven	181/2x191/2x11 inches;	broil-	





Sterling. Closed top. Complete flue system. Baking and broiling ovens, wrought coil water heater. Top of water heater adapted for general cooking or long cake griddle. When water coil is removed, 2 round burners will be substituted as noted below. Otherwise equipment same as range described above.

### Polished Steel, Asbestos Lined Body.

### Cast Iron Body, Cast Oven.

No. 701616-inch ovens. With water		No. 901616-inch ovens. With water heater.
Each	\$ 39.50	Each \$ 44.00
No. 701818-inch ovens. With water	neater.	No. 901818-inch ovens. With water heater.
Each	43.70	Each
No. 7016B 16-inch ovens. 6 round burn	ers, no	No. 9016B.—16-inch ovens. 6 round burners, no
water heater	Each 37.00	water heater Each 41.50
No. 7018B 18-inch ovens. 6 round burn	ers, no	No. 9018B 18-inch ovens. 6 round burners, no
water heater	Each 41.20	water heater Each 45.50





Sterling. Closed top. Complete flue system. Lift-out Star burners, needle point valves with ¾-inch valve line. Swing doors. Full cast iron front. Nickeled oven shelf. Burner equipment, three Standard, one Giant, one Simmer and two oven burners. Broiler pans, wire oven racks and two extra open lids with each range. Collar for 5-inch pipe.

### Polished Steel, Asbestos Lined Body.

### No. 726.—Baking oven 16½x16½x11 inches; broiling oven 16½x16½x8½ inches....Each \$ 28.80 No. 728.—Baking oven 18½x18½x11 inches; broiling oven 18½x18½x8½ inches....Each 32.90

### Cast Iron Body, Cast Oven.

No. 926.—Baking oven 16½x17½x11 inches; broiling oven 16½x17½x8½ inches.... Each \$ 33.30

No. 928.—Baking oven 18½x19½x11 inches; broiling oven 18½x19½x8½ inches... Each 37.40



Sterling. Closed top. Complete flue system. Baking and broiling ovens, wrought coil water heater. Top of water heater adapted for general cooking or long cake griddle. When water coil is removed, two round burners will be substituted as noted below. Otherwise equipment as range described above.

Polished Steel, Asbestos Lined Body.	Cast Iron Body, Cast Oven.			
No. 702616-in. ovens. With water heater. Each :	\$ 39.50	No. 902616-in. ovens. With water heater Each \$ 44.60		
No. 7028. —18-in. ovens. With water heater "	43.70	No. 9028. —18-in. ovens. With water heater. " 48.00		
No. 7026B.—16-in. ovens. 6 round burners, no		No. 9026B.—16-in. ovens. 6 round burners, no		
water heaterEach	37.00	water heater Each 41.50		
No. 7028B.—18-in. ovens. 6 round burners, no		No. 9028B.—18-in. ovens. 6 round burners, no		
water heaterEach	41-20	water heater Each 45.50		



55.50

### STERLING GAS RANGES





Nos. 750 and 850

Shows High Closet on Nos. 716C to 9028BC.

Sterling. Elevated broiling and baking oven. Lift-out Star burners, needle point valves. Top burner equipment, three Standard, one Giant and one Simmer. Size of top with shelves 24x37 inches. Height to cooking top 27 inches. Height to top of range 62 inches. Adjustable broiling chamber. Collar for 5-inch pipe.

No. 750. -Four 8-in. holes. One 4-line broiling burner, one 4-line oven burner. Steel elevated oven 13x20x111/4" Each \$ 32.25 No. 850 .- Four 8-in. holes. One 4-line broiling burner, two 2-line oven burners. Cast elevated oven 16x20x111/4

Sterling. High closet. Edges and bands nickel-plated with nickel-plated drop shelves. Complete flue system. No fumes or moisture in the house. General description of range same as on pages 768 and 769.

Polished Steel, Asbestos Lined Body. Balanced doors.	
No. 716C. —No. 716 Range with high closet added	Each \$ 38.80
No. 118C. —No. 718 Range with high closet added	4 49 90
No. 7016C. —No. 7016 Range with high closet added	4 40 50
No. 1010C. —No. 7018 Ralike With high closer added	H F2 70
No. 1010DC.—No. 7016D Range with high closer added	47.00
No. 7018BC.—No. 7018B Range with high closet added	
Polished Steel, Asbestos Lined Body. Swing Doors.	
No. 726C. —No. 726 Range with high closet added	Each \$ 38-80
No. 120C. —No. 728 Range with high closet added	16 40 00
No. 1020CNO. 7026 Range with high closet added	. 40 EO
No. 1020DC No. 7026D Range with high closer added	
No. 7028BC.—No. 7028B Range with high closet added	" 51.20
Cast Iron Body, Cast Iron Oven, Balanced Doors,	
No. 916C. —No. 916 Range with high closet added	77 1 0 40 00
No. 918C. —No. 918 Range with high closet added	Each \$ 43.30
No. 9016C. —No. 9016 Range with high closet added	" 47.40
	" 54.00
No. 9018C.—No. 9018 Range with high closet added No. 9016BC.—No. 9016B Range with high closet added No. 9018BC.—No. 9016B Range with high closet added	" 58.00
No. 9018BC.—No. 9018B Range with high closet added	" 51.50
Cast Iron Body, Cast Oven, Swing Doors.	
No. 520C. —No. 926 Range with high closet added	Each \$ 43.30
10. 925 Range with high closet added	" 47.40
No. 9028BC.—No. 9028B Range with high closet added	





Nos. 550, 650 and 950

Nos. 5050 to 9150

Sterling elevated baking and broiling oven. Lift-out Star burners on top. Needle point valves. Cast iron oven bottoms. Reversible pipe collars for 5-inch pipe.

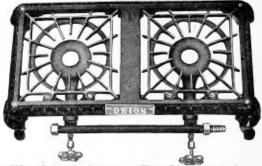
No.	550.—Steel lower body. Oven 18x18x12 inches, Elevated oven 20x13x11¼ inches. Three Standard, one Giant and one Simmer burner on top; 4-line broiler burner, 4-line elevated oven burner and two 2-line burners for lower oven	\$ 44.00
No.	650.—Cast lower body. Oven 18x19x12 inches; otherwise same as No. 550	49.50
No.	950.—All cast. Lower oven 18x19x12 inches; elevated oven 20x16x11¼ inches. Burner equipment, three Standard, one Giant and one Simmer on top; one 4-line broiler burner and two 2-line elevated oven burner. Two 2-line burners for lower oven.	53.25
No.	5050.—Steel lower body. 6 hole top. Burner equipment, five Standard, one Giant and one Simmer on top.  No water heater Each	53.50
No.	6050.—Cast lower body. Burner equipment same as No. 5050	59-00
No.	9050.—All cast. Top burner equipment same as No. 5050	62.75
No.	5150.—Steel lower body. With water heater. Top burner equipment, three Standard, one Giant and one Simmer and two 2-line on water heating top Each	56.00
No.	6150.—Cast lower body. With water heater. Top burner equipment same as No. 5150 "	61.50
No.	9150.—All cast. With water heater. Top burner equipment same as No. 5150	65.25

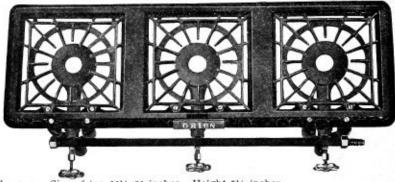
Sterling elevated oven gas ranges fill a long felt want in the kitchen. Designed to save labor and stooping on the part of the cook and at the same time to give greater capacity. Note that the elevated oven is very wide and that the height over all from floor to top of range is only a little over 5 feet. Built for service and neat and attractive in design. Adjusted for natural gas.

### HOT PLATES



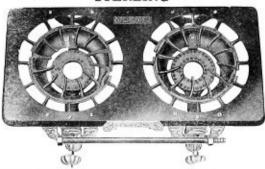
No. 501.—Orion. 1 burner. Size of top 10½x10½ inches. Height 5½ inches....... Each \$ 1.80 Four in a crate.



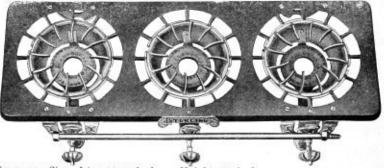


Orion hot plates. Round cast burners. Strong frames, of neat design and finished in black Japan. Fitted with needle valves and nickel-plated wheels. Full size and substantially made at a popular price.

### STERLING



No. 202.—Sterling. 2 burners. Size of top 12x25 inches. Height 6½ inches ...... Each \$ 5.00 One in a crate.

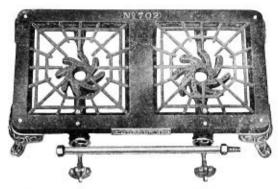


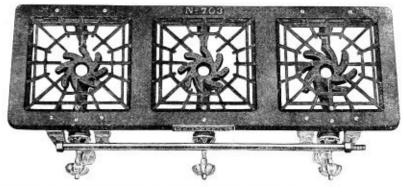
Sterling hot plates. Double ring drilled burners with center draft ring or wind shield. This creates a forced draft greatly increasing the heating power. Frames made extra heavy and with truss legs. This brings the feet closer together, allowing the plate to be set on a small table or range top. Finished in black and nickeled trimmed. With needle valves. Extra high grade throughout with exceptional heating qualities.

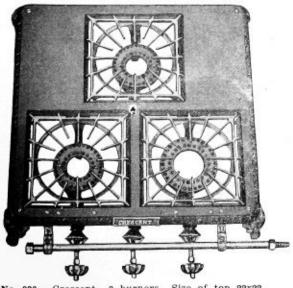


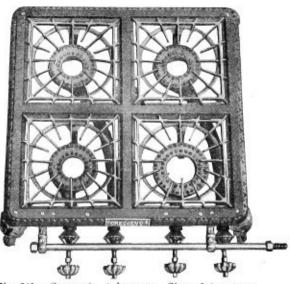
### HOT PLATES

CRESCENT







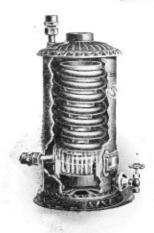


No. 840.—Crescent. 4 burners. Size of top 22x22 inches. Height 61/2 inches...........Each \$ 8.00 One in a crate.

Crescent hot plates. 8 arm tangent burners, star-fish shape with drilled holes. Each plate has one Jumbo or extra large burner. The frames are substantially built and finished in black with nickel-plated legs. Supply pipe and valve wheels nickel-plated. Needle valves. A hot plate extremely strong, handsome and efficient at a moderate price.



### STERLING WATER HEATERS



Sterling water heater. Jacket of heavy polished steel or brass, asbestos lined. Single coil. Large heavy cast burner, one piece, including mixer. Copper coil, ground joint brass unions. Cast top and base, black Japanned finish. Fitted with nickel-plated cock for manufactured gas; needle valve for natural gas. The water is contained in a coil of copper tube, thin yet strong and durable, and the heat is instantly transmitted to the water. The coils are seamless drawn copper tubing and guaranteed for any city pressure. The requirements for hot water varying with practically each installation, the size of heater will have to be determined by the particular need of the case. Nos. 0, 1 and 1½ are usually used with 30 gallon boilers; No. 2 with 40 gallon; and No. 3 with 50 gallon.

When ordering be sure to specify whether for natural or manufactured gas.

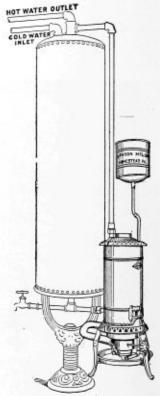
No.		-Steel		Diameter 7½										
No.	0B.	-Brass	jacket.	Diameter 71/2	inches.	Height 121/2	inches.	3/4-inch	tube.	For	natural	gas only	. "	13.00
No.	1.	-Steel	jacket.	Diameter 71/2	inches.	Height 15	inches.	3/4-inch	tube					12.50
No.	1B.	Brass	jacket	Diameter 71/2	inches.	Height 15	inches.	3/4-inch	tube				. "	15.00
No.	11/2.	-Steel-	jacket.	Diameter 71/2	inches.	Height 18	inches.							15.00
No.	11/2B.	-Brass	jacket.	Diameter 71/2	inches.									18-00
No.	2.	-Steel	jacket.	Diameter 71%	inches.	Height 20	inches.	3/4-inch	tube	for ma	anufactu	red gas;	1-inch	
				al gas									Each	20.00
No.	2B.	-Brass	jacket.	Diameter 71/2	inches.	Height 20	inches.	3/4-inch	tube	for m	anufactu	ired gas;	1-inch	
				al gas										24.00
No.	3.	-Steel	jacket.	Diameter 71/2	inches.	Height 24	inches,	3/4-inch	tube	for ma	nufactu	red gas;	30 in-	
				e for natural										30.00
No.	3B.	-Brass	jacket.	Diameter 71/2	inches.	Height 24	inches.	%-inch	tube	for ma	nufactu	red gas;	30 in-	
-				e for natural										35.00

### GASOLINE WATER HEATERS



Gasoline water heater. Modern systems of water supply give running water to the bathroom or kitchen in the country home as satisfactorily as the waterworks do in the city house. In construction, except for the burner, this heater is identical with heaters 1, 2 and 3 above described. A coil of copper tube fills the iron jacket, and through it the water passes. The operation of the heater is extremely simple, only one valve on the burner to operate. Lighting the heater takes but a moment and thereafter no attention is required. The gasoline can is of a special safety type, there being an inner container which lifts out and may be removed from the house for filling. Guaranteed perfectly safe and within insurance restrictions.

It is customary to use the No. 1G heater with 30 gallon boilers; No. 2G with 40-gallon and No. 3G with 50 gallon. The cut to the right shows method of connecting heater to boiler.

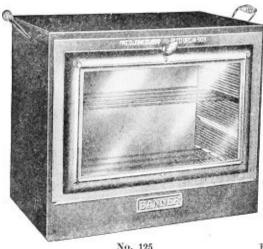


- 1일 발 이 경영 (201 1) 및 발생님의 가장 아이들의 사용하는 이 경영 (201 - 1) 가장 하는 사용이다.			4 .	
No. 1G.—Height to flue connection 24 inches. No. 2G.—Height to the connection 29 inches.	Diameter 7% inches.	Steel lacket	Each \$ 2	25.00 28.00
No. 3G Height to flue connection 33 inches.	Diameter 71/ inches	Steel incket		40.00



### **OVENS**



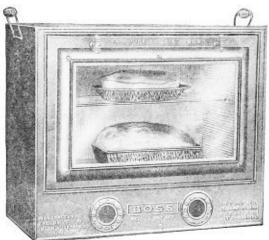


No. 055

No. 055.—Boss Polished steel. Height 18 in.; length 20¾ in., depth 12½ in. Tin lined. Mica window. Drop door \$ 3.50

No. 125.—Banner. Polished steel. Height 16½ in.; length 19½ in., depth 11¾ in. Glass drop door. Asbestos lined 3.60





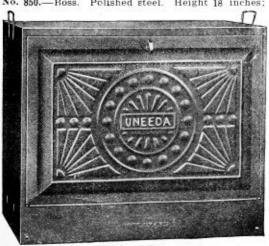
No. 650

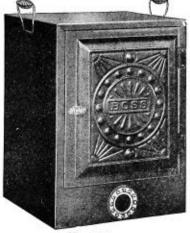
No. 650.—Boss. Polished steel. Height 18 inches; length 26 inches; depth 12½ inches. Asbestos lined. 4½ inches glass in drop door. 2 Mica windows.

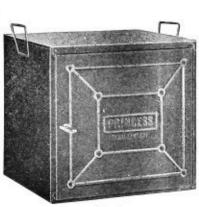
No. 750.—Boss. Polished steel. Height 18 inches; length 20¾ inches; depth 12½ inches. Asbestos lined. Large glass drop door. 2 Mica windows.

No. 850.—Boss. Polished steel. Height 18 inches; length 26 in.; depth 12½ in. Otherwise same as No. 750

6.50







 No.
 1 and 2
 No. 0200
 No. 4

 No.
 1.—Uneeda. Berlin finish. 16½x12 x10¾ inches. Swing door
 Each \$ 2.20

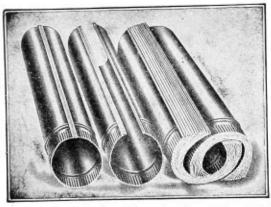
 No.
 2.—Uneeda. Berlin finish. 12½x19½x11¾ inches. Drop door
 2.50

 No. 0200.—Boss. Polished steel. 18x13x12½ inches. Swing door
 3.00

 No.
 4.—Princess. Polished steel. 11x12x10½ inches. Swing door
 1.70

STERUNG BRAND FOR QUALITY STANDS

### STOVE PIPE



Security nested pipe. Even color blue steel and oiled to prevent rust. No rivets necessary—projection in groove prevents any possibility of opening after being closed. 25 joints in a crate.

Price per crate of 25 joints.

Inches . . . . 3 4 5 5½ 6 7 6/5 7/6

Full joints . \$ 3.20 3.80 4.20 4.40 4.50 5.50 5.20 6.00

Half joints . 2.20 2.50 2.70 . . . 3.00 3.50

Quar. joints 1.50 1.60 1.80 . . 2.00 2.40

For Mandrell designed for putting above pipe together see page 202.

## FIG. 2

4.00

Per crate ..... \$ 3.60

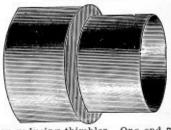
### STOVE PIPE THIMBLES

McGUIRE'S



Cast Heads.	Spring	Adjustme	ent. 6 to 1	2 Inches.
Nos				7
Inches			6	7
Per dozen Steel Heads.			\$ 12.00	14.00 12 Inches.
Nos			06	07
Inches			6	7
Per dozen			\$ 12.00	14.00
O	ne-nair	dozen in	a crace.	

### REDUCING



### FLUE RINGS



	Cast	iron,	smooth	finish.	Deep	wide	flange.	
Nos.				5	51/2	6	7	8
Inche	s			5	51/2	6	7	8
			\$	1.80	2.00	2.00	2.40	4.00
			One dos	en in	a hund	le.		

### STOVE PIPE MADE UP

5.50

4.80

4.50



Security made-up pipe. Hammered down seam.	Even	color	blue st	eel, oil	ed. M	ost secu	re join	t and n	eat in
appearance. Inches	one e	3	4	5	51/2	6	7	6/5	7/6
Inches Full joints, Per do	ozen \$	2.00	2.40	2.70	2.80	3.00	3.30	3.20	3.50
Half joints "		1.30	1.50	1.60		1.80	2.00		
Quarter joints		1.00	1.10	1.20		1.40	1.60		
Riveted made-up pipe. Lap joint	t. Secu	rely	riveted.	Heavy	gauge	steel.			
Full joints, 3, 4, 5, 6 or 7 inch								Per 1b	\$ .10



# STOVE PIPE ELBOWS

# CORRUGATED



Corrugated. Blue steel, uniform color.

		-3	in.	1.	Per dozen	\$ 1.00
No.		-4	in.		- 11	1.20
No.	5-	5	in.		**	1.40
No.	51/9	-51/2	in.		4.6	1.70
No.	6.	-6	in.		**	1.70
		-7	in.		**	2-25

Corrugated. Wood's planished iron. Highest grade. No. 60. —6 in. , Per dozen No. 70. -7 in.

One dozen in a bundle.

Shows method of bundling corrugated elbows. Securely wired.



Long elbows. Made from heavy weight smooth sheets of uniform color and securely riveted. Crimped and beaded at one end. Very durable.

No.	055	inch		Per dozen	\$ 3,60
No.	066				4.00
	077			**	4.50
	One	dozer	in.	a hundle	

# PIPE COLLARS



Tin collars. Brass lacquered finish. Outside diameter of all sizes 101/8 in., making the gas stove sizes (3 and 4) suitable for regular five openings.

			me opone	
No.	3. —3	in.	 Per dozen \$	-90
NO.	44	in.	44	-90
No.	5. —5	in.	16	.90
No.	51/251/2	in.	11	-90
No.	6. —6	in.	 	.90
No.	7. —7		 **	.90

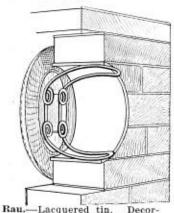
One dozen in a package.

# FLUE STOPPERS



Crown.—Lacquered steel. Decorated center. Flat steel adjustable bands. Per doz, \$ 1.20

One dozen in a box.



ated center. Two wire coiled spring adjustable fastenings .. ...... Per dozen \$ 1.50 One dozen in a box.

# DAMPERS AND CLIPS



American. Steel spindle. Smooth finish. Open plates.

-3 in. .. Per dozen \$ 1.15 No. 4. in. .. -4 1.25 44 No. 5. -5 in. .. 1.35 No. 5½.—5½ in. .. 1.45 No. 6. -6 in. .. No. 7. in. ..

AMERICAN 8 INCH

American. Furnace panned iron handle. No. 8 -- 8 inch .. Per dozen \$ 3.00 No. 9 .- 9 inch .. 4.00

No. 10 .- 10 inch .. 5.00 No. 12 .- 12 inch ...

American damper clips. Japanned iron handle. Size of plate 3 inches long and 3% in. wide. A great con-venience for manufacturing tinners or for use where an odd size damper is required.

\$ 1.50

piece. Complete as illus-trated ...... Per dozen 1.80

STERUNG BRAND FOR QUALITY STANDS



# STOVE BOARDS

#### PAPER LINED, SQUARE

#### PAPER LINED, OBLONG





Nos.	918	to	935	

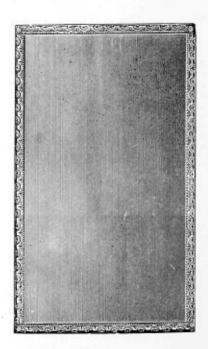
Nos. 1218 to 1232

103. 310 to 330			1105	· 1210 to	1202		
Wabash square paper lined	crystal	llized sto	ove board	ls.			
Nos	918	924	926	928	930	932	935
Inches	18x18	24×24	26×26	28×28	30×30	32×32	35×35
Per dozen	\$ 7.00	8.00	9.00	10.00	12.00	13.50	18.00
Wabash oblong paper lined			ove boar	ds.			
Nos		. 1218	1224	1226	1228	1230	1232
Inches			24×36	26×30	28×32	30×36	32×42
Per dozen		\$ 8.00	11.50	11.00	13.00	15.00	19.00
Paper lined stove boards are marked according to	o the si	ze of bla	nks fron	which t	hey are m	ade.	
One dozen	in a cas	se.				1	

#### WOOD LINED

#### ASBESTOS





Nos. 324 to 336

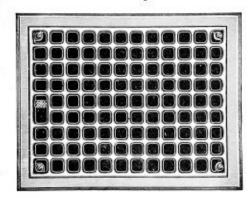
No. 1424

Nos.         324         326         328         330           Inches         24x24         26x26         28x28         30x30           Per dozen         \$ 12.00         13.50         16.00         18.00           Each size of different design. One-half dozen in a case.	333 33x33 23.00	336 36×36 29.00
Asbestos stove boards. Extra heavy asbestos, bound with embossed tin edge.  No. 1424.—Size 14x24 inches. For gas or oil stoves. One dozen in a package	Per dozen	\$ 4.00



#### REGISTERS

#### STEEL BLACK JAPANNED



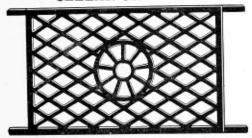
Size o	of Open	ing	Re	egister	Floor Border	Face
8x10	inches		\$	1.65	1.25	1.10
8x12				1.90	1.50	1.30
9x12	**		100	2.10	1.65	1.45
10x12	**			2.40	1.75	1.70
10×14	**			3.15	2.20	2.20
12×15	4.6	****		4.50	2.90	2.90
		One in a	a pa	per box	1000000	

#### ROUND BLACK JAPANNED



Diameter	Register	Border
6 inches	\$ 1.50	1.20
7 inches	1.55	1.20
8 inches	1.60	1.20
9 inches	2.00	1.60
One in a		

#### CELLAR GRATINGS



Cast cellar grates. Smooth f	inish. Heavy	weight.
Inches 12x12	12×14	12x16
Per dozen \$ 9.60	12.00	13.20
Inches 12x18	12x20	14×20
Per dozen 14.40	15.60	16-80
Inches 14x21	16x21	16×24
Per dozen 18-00	20.40	22-80
Gratings not carried in stock; direct.	shipped from	foundry
unect.	100	

#### STOVE PIPE



White ceiling plate.



Floor plate.

Japanned floor plate and white ceiling plate. Has cover to protect opening when stove pipe is removed. Flanges are provided for double tin cylinder. Heat can be taken from hot air pipe and also from room below.

No. 106.—6 inch Each \$ 2.00

No. 107.—7 inch "2.00

#### THIMBLE CEILING PLATE



Ceiling plates. To use with McGuire's thimbles. For closing the lower end of the cylinder.

No. 206.—6 inch. Two dozen in a case. Per dozen \$ 4.10

No. 207.—7 inch. Two dozen in a case. 4.85

#### THIMBLE REGISTER PLATE



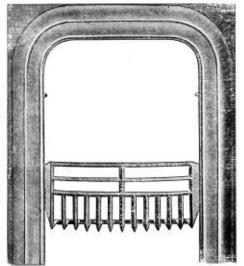
Register plates. To use with McGuire's thimbles. Closes the opening and acts as a ventilator.

No. 306.—6 inch. Two dozen in a case. Per dozen \$ 13.50

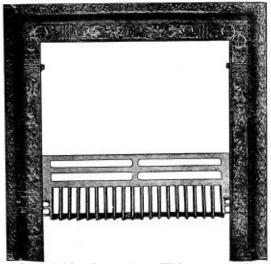
No. 307.—7 inch. Two dozen in a case. " 14.25



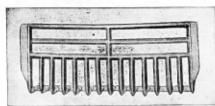
# GRATES AND FRONTS



Japanned finish. Squa	re top.	With	basket	grate.
Nos	18	20	22	24
Width, grate	18	20	22	24
Height, front	31	32	33	34
Width, front	27	29	31	33
Grate and front each \$	3.50	3-80	4.00	4.30
Front only, each	2-20	2.30	2.40	2.50



Lead finish. Square	top.	With squ	are grate	е.
Nos	018	020	022	024
Width, grate	18	20	22	24
Height, front	31	32	33	34
Width, front	27	29	31	33
Grate and front, each \$	3.50	3.80	4.00	4.30
Front only, each	2.30	2.40	2.50	2.60



Basket grates only. 3	bar. 8 in.	high and	6 in. deep	at end.
Nos	618	620	622	624
Inches	18	20	22	24
Per 1b		.12	.12	.12
Square grates only, 3	bar. 8 in.	high and	8 in. deep	at end
Nos	418	420	422	424
Inches	18	20	22	24
Per 1b	\$ .12	.12	.12	.12

# STOVE CLAY



Crown stove clay or lining cement. Plastic, durable, fire-proof mixture for making and repairing linings in stoves, furnaces and ranges.

Nos	3	6	10
Capacity, Ibs	3	6	10
Per dozen \$	1.70	3.00	4.00
No. 3 two dozen: others.	one doz	en in a case.	

# FURNACE CEMENT



Crown asbestos furnace cement. For setting up and repairing broken joints in furnaces, ranges, heaters, etc. For lining furnace doors of steam boilers.

No. 05.— 5 pound cans Per can \$ .50

No. 010.—10 pound cans "1.00

# ROOFING CEMENT



# STOVE BACKS

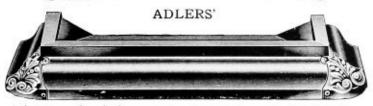


No. 750.—Diamond stove back. Slides in dovetails. Adjustable in width 4½ to 7 inches and in length 15 to 20 in. No bolts required. One-half dozen in a case. Per dozen ..... \$ 15.00

STERUNG BRAND FOR QUALITY STANDS"



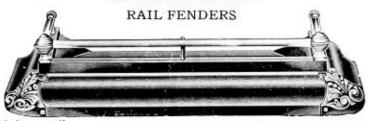
# SHEET IRON FENDERS



No. 1.—Japanned. Assorted 24, 26 and 28 inches

Per dozen \$ 10.00

One dozen assorted in a crate.



No. 2. —Japanned, with brass rail .....

Per dozen \$ 26.00

29.00

No. 2½.—Japanned, with nickeled rail .....

One-half dozen assorted, 24, 26 and 28 inches, in a crate.

# NURSERY FENDERS



Nursery fenders. Made of crimped diamond mesh wire with half oval bar at top and bottom. The fender painted green, top bar gilt bronzed. Height 24 inches. Packed in nests containing 3 fenders—1 each 30, 32 and 34 inches long.

No. 200 Per nest \$ 4.00

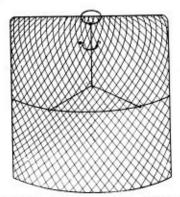


Folding nursery fenders. Made of crimped diamond mesh tinned wire. Bronzed top. Height 24 in., length of front 32 to 36 in., with folding ends, each 12 in. wide. Requires very little room when storing away for the summer.

No. 20. ..

One-half dozen in a crate.

# SPARK GUARDS



 Spark guards.
 Coppered wire.
 Made to fit closely and so hooked as to be easily taken off or put on.

 Nos.
 20
 22
 24

 Width, inches
 21
 23
 25

 Height, inches
 23
 25
 31

 Per dozen
 \$ 11.00
 11.50
 12.00

 Cne-fourth dozen in a bundle.

# SUMMER FRONTS



Steel summer fronts. Black enameled finish. Square top. Can be cut to suit round or arched top fronts.

Nos	200	220	224
Width, inches	20	22	24
Per dozen	\$ 15.00	15.00	15.00

# FIRE SHOVELS

No. 80

No. 57



Size of scoop, 43/4x7 inches. Japanned. Entire length 15 inches ..... Per dozen \$ .80 One dozen in a bundle.

-Japanned. Round handle. Size of scoop, No. 57.-5x81/2 inches. Entire length, 23 inches.

No. 257

Per dozen ..... \$ 1.70 One-half dozen in a bundle.

No. 54



No. 54 .- Japanned. Round handle. Size of scoop, 43/4x7 inches. Entire length, 15 inches Per dozen ..... \$ 1.00 One-half dozen in a bundle.

No. 257.—Galvanized. Round handle. Size of scoop 5x81/2 in. Entire length, 23 inches Per dozen ..... \$ 2-40 One-half dozen in a bundle.

No. 254

Nos. 7, 9 & 11 DUPLEX No OF REDI STEEL S. Market B. W. Co.

No. 254.—Galvanized. Round handle. Size of scoop, 43/4x7 in. Entire length, 15 inches. Per dozen ..... \$ 1.50

One-half dozen in a bundle.

Duplex double handle. Heavy and extra strong. Japanned 7 Size of scoop, name 16 Entire length, inches ..... 16 \$ 1.80 Size of scoop, inches ..... 5x73/4 5×83/4 51/2×9 22 25 2.40 2.70 One-half dozen in a bundle.

Nos. 2. 3. 4. 5 & 6

No. 56



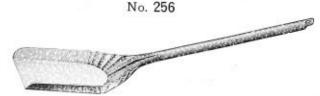
No. 56 .- Japanned. Round handle. Size of scoop, 434x8 inches. Entire length, 20 inches. Per dozen ...... \$ 1.50

One-half dozen in a bundle.

Wrought steel. Round handles. Riveted. Japanned. Cut shows back of scoop.

2 3 Size of scoop, in. 51/2×73/4 6×81/4 61/2×9 6½x9 61/2×9 Length handle, in. 181/2 17 16 24 28 Per dozen ....... \$ 2.40 Z-ov One dozen in a bundle. 4.80 4.00 3.20

ALASKA



No. 256 .- Galvanized. Round handle. Size of scoop, 43/4x8 inches. Entire length, 20 inches ...... Per dozen \$ 1.70 One-half dezen in a bundle.



No. 11/2 .-- Alaska. Tinned steel. Size of scoop, 51/4x71/2 inches. Entire length, 17 inches. Twisted handle with ring. Always cold Per dozen dozen ..... One-half dozen in a bundle.



# LID LIFTERS, TONGS AND STANDS

LID LIFTERS

COAL TONGS FIRE IRON STANDS



No. 76.—Alaska nickel-plated coil wire handle, double. Always cool. Length 9 in. Per dozen \$ 1.50 One dozen in a box.



No. 60.—Nickel-plated coil wire handle. Always cool. Length 9 inches. . . . . Per dozen \$ 1.20

One dozen in a box.





No. 101.—Tongs. Polished steel, 17 in. long. One-half dozen in package ..... Per dozen \$ 4.80

No. 25.—Stands. Berlin bronze finish. Height 24 inches ....... Per dozen 11.00

No. 30.—Stands. Enamel bronze finish. Height 27 inches ....... Per dozen 16.00

One-half dozen in a case.

STOVE SCRAPERS



# **POKERS**

ALASKA No. 20

ALASKA No. 26

#### WROUGHT IRON FLAT POINT

#### WROUGHT IRON SQUARE POINT

STERUNG BRAND FOR QUALITY STANDS"



# COAL HODS

JAPANNED



Japanned. Square Mouth.

Nos	016	017	018
Inches	16	17	18
Per dozen . \$		4.50	5.00

One-half dozen in a bundle.

GALVANIZED



Galvanized. Square Mouth.

Nos	16	17	18	20
	16	17	18	20
Per dozen\$	5.20	5.50	6.00	9.60

One-half dozen in a bundle.



Galvanized. F	unnel.	
Nos	170	180
Inches	17	18
Per dozen	7.50	8.00

One-fourth dozen in a bundle.

Coal hods made of heavy weight sheet steel, nicely finished. Heavy ears and bails, thick bottom and foot. Size stenciled on each hod and all securely bundled.

# COAL VASES



No. 100.—Concave cover. Black enameled finish. Attractively ornamented. Side handles. Size 111/4x91/2x211/2 in. Ea. \$ 3.00

One in a carton.



## GAS BURNERS



Lawson four-way Sectional Burner. Equipped with independent valve and mixer for water front, oven and each lid. 51/2 inches wide, end flow. Nipples between mixers and burners included. Any one or more of the chambers can be shut off without affecting the others.

			400
14	16	18	Extra tops
6.50	7.00	7.50	-55



son three-way Sectional Burner. Same construction and dimensions as four-way burner except that the water front section is left off.

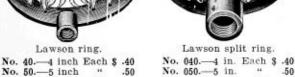
Nos	312	314	316	318	300
Inches	12	14	16	18	Extra tops
Each		5.50	6.00	6.50	-55
			200 2500 2500		

RING

#### SPLIT RING



No. 60 .- 6 inch



.60

4-inch, 1/2-inch connection; others 3/4-inch connection.



No. 060 .- 6 in.

Without spud. 020 022 024 
 Inches
 16
 18
 20
 22
 24

 Each
 5.60
 .60
 .60
 .60
 .60

 No. 38.—3/8-inch brass spud for same
 Per dozen \$ 1.20

#### KITTANNING MIXERS



		-	_				12.4	(M)	
	Rou	gh finis	sh-Solie	1.	Rou	igh	finish-	Loose	pin.
í	x3/6		Each \$	-40	1 x	3/6		Each §	-60
				-40	1 X	1/2		. "	-60
				-60	11/4 X	3/8			-70
	x1/2			-60	11/4X	1/2		. 46	-70



Homestead three-way. Sectional Burner. All cored castings, drilled holes. Center draft lid burners. Can be

Nos		214	216	200
Nos	212	214	ALC: 10	AL - U
Inches	12	14	16	Extra tops
Each	\$ 4.00	4.20	4.40	-50
	-		-	



Good Luck	Rect	angular.	For	1 inch	pipe.	
Nos	10	12	14	16	18	20
Length, inches	10	12	14	16	18	20
Each \$	-80	.90	1.00	1.20	1.40	1.70



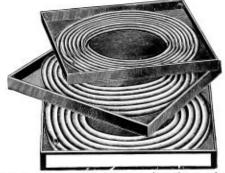
Good Luck Round. For 1 inch pipe. 010 012 06 Diameter, inches ...... 12 1.20 2.00 Each ..... \$ -80 1.50

# SKELETON LIDS



Smooth finish. Skeleton or open lids. Iron. Nos..... Inches ... 4.00 Per dozen .....

# GAS TUBING



Rubber tubing. In continuous lengths, 50 feet in a carton. Made from good materials and well finished. No. 03.--%-inch. Cloth inserted. Red ..... .10 No. 1 .--re-inch. -06 .12 .14 No. -5-inch. Plain. Heavy wall. Red

50 feet in a carton.

STERUNG BRAND FOR QUALITY STANDS

.50

PATENTED

# GAS COCKS AND VALVES

HOSE COCKS





	remaie.	Cast		****	5000
Nos			5210	5209	5208
Inches			1/4	3/8	1/2
Per dozen			S 2.70	3.00	3.30
			-	600	



Female	Cast	brass.	Nickel-plated.	Wood hand	le.
				6890	6889
Inches				3/8	1/2
Per dozen ,				\$ 4.00	4.50



	Marie	· Case	orass.		
Nos			5215	5214	5213
Inches			1/4	3/8	1/2
Per dozen			\$ 2.70	3.00	3.30
ET	T DII	DMED	COCL	70	



Cast Brass.	
No. 5219.—1/4-inch	\$ 3.00
No. 5218.—3/4 inch "	3.50
INDEPENDENT COCKS	



Cast Brass. No. 5202.-3/8x3/8 inch .....Per dozen \$ 4.00 All above, three dozen in a carton.



	Female.	Cast			12222
Nos			5330	5329	5328
Inches			1/4	3/8	1/2
Per dozen		acres :	\$ 1.50	1.50	1.50
	2017		_		

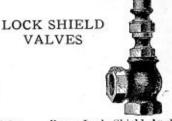


Male. Cast bi	rass.		
Nos	. 5325	5324	5323
Inches	1/4	3/8	1.50
Per dozen	\$ 1.50	1.50	1.50

VALVES



Brass Lock Shield Globe. 3% inch ..... Each \$ 1.10 1/2 inch ..... " 1.35



Brass Lock Shield Angle. 3/8 inch ..... Each \$ 1.10 1/2 inch ..... " 1.35

LOCK SHIELD KEYS





Nos. 50 and 75



.....Per dozen No. 10.— .... 1.50

#### GLOBE VALVES



C	ast	В	rass,	w	ith	W	he	el.
1/4	inc	h			Eac	ch	\$	.72
3/6	ine	ch			64			.77

inch ...... 3/4 inc.. 1 inch inch ...... 1.26



ANGLE VALVES

C	ast B	rass,	with	Wheel.
				h \$ .72
	inch			.77
	inch		44	1.00
	inch			1.26
	inch		44	1.80

STERUNG BRAND FOR QUALITY STANDS



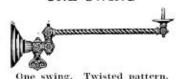
# GAS BRACKETS

# GAS PENDANTS

# STIFF

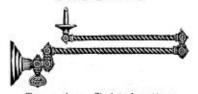
			6				
		Stiff.	6 inch.	Twisted	patte	en.	
No.	100.	-Gilt	finish.	Dipped	and	lacquered	
						ancieros.	\$ .40
Non	100310	Ambio		on Entoh		Each	51

#### Twelve in a box. ONE SWING



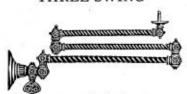
No.	104.		finish.	Dipped		lacquered.	
		Each					\$ .60
No.	104M	CAnti	que cop	per finish		Each	.70
			Twelv	re in a he	7.7		

#### TWO SWING



No.	105.	-Gilt	finish.		and	lacquered.	
No.	105MC	Each —Anti	que cop	per finish		Each	\$ 1.00 1.10

#### THREE SWING



		Three	e swing.	Twiste	d pati	ern.		
No.	106-					lacquered.		
		Each					\$	1.50
No.	106M	Anti	que cop	per finis	h	Each	8 7	1.70
			Six	in a box	C.			



One swing. Square tube.
No. 111.—Gilt finish. Finely polished ...... Each \$ 1.20 Twelve in a box.

#### TWO SWING



Two swing. Square tube. No. 112.—Gilt finish. Finely polished ...... Each \$ 1.60 Six in a box.

Pillars, Tips, Cups, or Glassware not included in prices.

ONE ARM TWO ARM

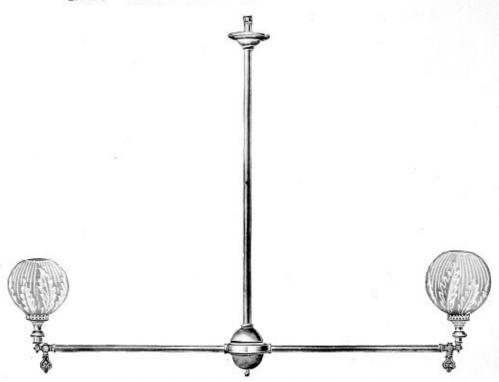
		2499 Nos. 1663 & 1663.00	
No.	5472.	Brass plated. 1/8 in. pipe. 30 in. long.	
		Each	\$ .70
No.	2499.	Copper plated, 1/8 in. pipe. 30 in.	
		long Each	.70
No.	1663.	-Brass plated. 36 in. long , "	1.80
No.	1663M	C.—Copper plated. 36 in. long "	1.80



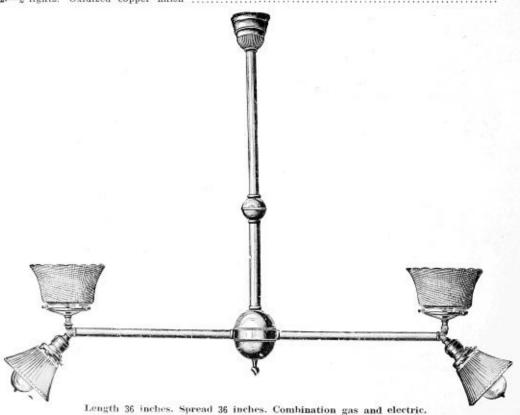
"STERUNG BRAND FOR QUALITY STANDS



# GAS AND ELECTRIC FIXTURES



Length 36 inches. Spread 36 inches. For gas only.



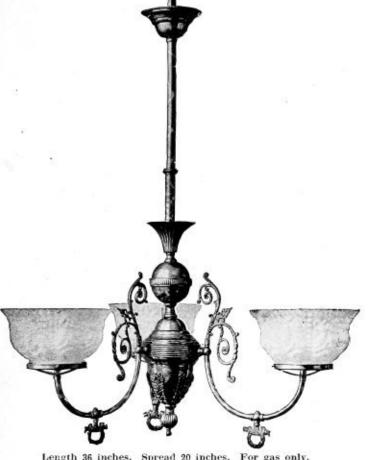
No. 839EG2.—2 gas and 2 electric lights. Gilt finish
No. 839EO2.—2 gas and 2 electric lights. Oxidized copper finish
" 7.50

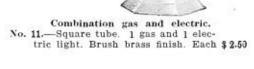
Wiring, sockets, electric holders, joints and glassware not included unless specified and then at extra price.

STERUNG BRAND FOR QUALITY STANDS"



# GAS AND ELECTRIC FIXTURES







No. 127G2 2 light	s. Gilt finish	Each	\$ 5.50
	s. Oxidized copper finish	64	6.00
No. 127G3 3 light	s. Gilt finish	**	6.50
No. 12703 3 light	s. Oxidized copper finish	**	7.00



Extends 5 inches. Spread 7 inches. Combination gas and electric.

No. 871B 1 gas and 1				
brass finish			Each \$	3.50
No. 8710 1 gas and 1	electric	light.	Oxidized	
copper finish			Each	4.00



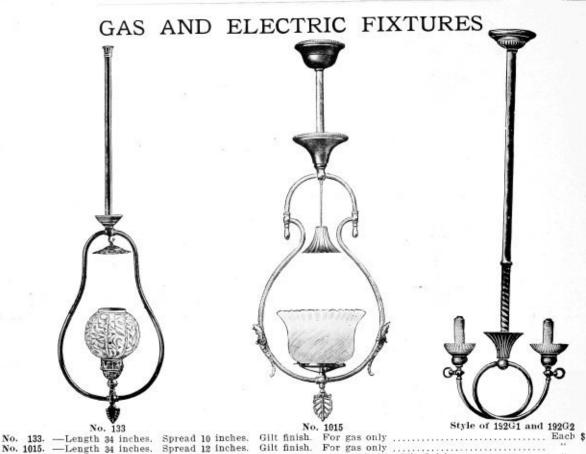
Length 36 inches. Spread 20 inches. Combination gas and electric.

No. 127EG2 2 gas and 2 electric lights. Gilt fin-	
ish Each	\$ 8.00
No. 127EO2 2 gas and 2 electric lights. Oxidized	
copper finish Each	9.00
No. 127EG3 3 gas and 3 electric lights. Gilt fin-	
ish Each	10.50
No. 127EO3 3 gas and 3 electric lights. Oxidized	
copper finish Each	12.00
그 경기가 하시기 교통 이번 가게 되어 아이들의 경기 위에 이번 경기 시간에 되었다면 하시네네 시간에 되었다.	0.5355-0.50

Wiring, sockets, electric lamps, electric holders, joints and glassware not included unless specified and then at extra price. Chandeliers should be hung with their lowest points 74 inches from the floor.

2.79 5.50

4.00









No. 514 No. 1401.—Length 36 inches. No. 1019.-Length 36 inches.

specified and then at extra price.



# INVERTED GAS ARC LAMPS







No. 1

No. 1 .- Indoor inverted lamp for natural gas. 500 candle power. Nickel plated brass casing. One chain cutoff and hinged globe holder. Four inverted mantles. Adjustable air and gas regulators. Height over all 26 inches. Half frosted or alabaster globe (in ordering specify which) ...... Each \$ 11.25 No. 10.—Indoor inverted lamp for natural gas. 500 candle power. Nickel plated casing. Two chain cut-off. Four inverted mantles. Adjustable gas and air regulators. Height over all 22 in.—especially adapted for low ceilings. Half frosted or alabaster globe (in ordering specify which) ...... Each 9.00 No. 3 .- Outdoor inverted lamp for natural gas. 600 candle power. Enameled casing and reflector, wind, water and bug proof. Four inverted mantles. Adjustable gas and air regulators. Detachable globe 15.75 holder. Half frosted or alabaster globe (in ordering specify which) ...... Each No. 01.—Solar globes. Suitable for lamps 1 and 10. Half frosted or alabaster (specify which) ....... Each 1.50 No. 03.—Solar globes. Suitable for lamp No. 3. Half frosted or alabaster (specify which) ...... Each 1.50 One in a carton.





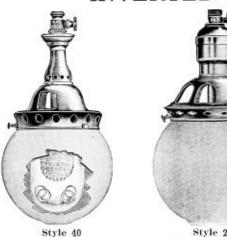
101 .- Baby arc. 125 candle power, consuming but 3 feet of gas per hour. Enameled in white and gold. With two chain cut-off and imported outer and inner globes. For indoor or porch use ...... Each \$ 3.00

99 .- Inverted indoor or porch lamp for natural gas. Nickel plated brass casing and goose neck, with bypass pilot. 125 candle power. One inverted mantle and alabaster globe ...... Each One in a carton.

No. 99 can also be furnished in brushed brass or oxidized copper finish by shipping from factory.

No. 0101.—Jena imported inner globes. Suitable for No. 101 lamps ...... No. 099.—Solar globes. Suitable for lamp No. 99. Half frosted or alabaster (specify which) ...... 4.50

# INVERTED LIGHTS AND BURNERS

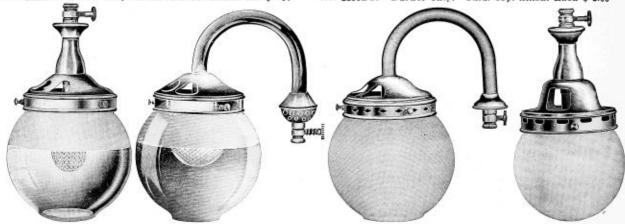








Style 40. Patent Rack and Pinion Needle Adjustment and Air Shutter. Absolutely no Leakage. Extra Heavy. Style 20. Patent Check Adjustment. Improved Nozzle, always holding mantle straight. No. 20A.—With sand blast outer globe, air hole inner globe, ring and mantle. Brushed brass finish . . . . Each \$ 1.80
No. 20C.—With sand blast outer globe, air hole inner globe, ring and mantle. Oxidized copper finish . . . . . 1.90
No. 20B.—Burner only. Brushed brass finish Each \$ 1.10
No. 20BC.—Burner only. Oxidized cop. finish. Each \$ 1.20 No. 2150BC .- Burner only. Oxid. cop. finish. Each \$ 1.00 No. 2150B.—Burner only. Brushed brass finish. Ea. 8 .90



Style 25

Style 41

Style 47

Style 51

	Style 25. Patent Check Adjustment. High Grade and Medium in price.		
	25A.—With frosted top globe and mantle. Brushed Brass finish		
	. 25C.—With frosted top globe and mantle. Oxidized copper finish		
	Style 41. Honey Comb Mixer. With goose neck. Produces a light equal to the straight down burner.		
No.	41A.—With frosted top globe and mantle. With goose neck. Brushed brass finish Each	S	1.00
			1.10
	41B.—Burner only, Brushed brass finish, Each \$ .60 No. 41BC.—Burner only, Oxidize copper finish, Ea.  Style 47. Quick adjustment, With goose neck. A strictly first class burner at a popular price.	\$	.70
No.	47A.—With frosted top globe and mantle. With goose neck. Brushed brass finish Each	S	-80
No.	47C.—With frosted top globe and mantle. With goose neck. Oxidized copper finish	ै	.90
No.	. 47B.—Burner only. Brushed brass finish. Each \$ .50 No. 47BC.—Burner only. Oxidized copper finish, Ea. Style 51. Patent Check Adjustment. Burner of new design, extremely handsome.		
No.	51WWith small Ball globe and mantle. White enameled with gold band. Very handsome Each	S	2.70
No.	• 51A. —With small Ball globe and mantle. Brushed brass finish		2.00
No.	• 51C. —With small Ball globe and mantle. Oxidized copper finish "		2.10
No.	- 51BW.—Burner only, for closed globe. White enameled with gold band		2.00
No.	. 51B. —Burner only. Brushed brass finish. Ea. \$ 1.20 No. 51BC.—Burner only. Oxidized copper finish. Ea  Any Style 51 Burner or Light, suitable for Open Bottom Globe Furnished at 10c net less price.  All burners on this page designed for use with Natural Gas, and fitted with Perceloin fire. Gassa neels	. \$	1.30

All burners on this page designed for use with Natural Gas, and fitted with Porcelain tips. Goose necks furnished regularly with styles 41 and 47.—Will be furnished with any other style when so ordered at extra cost. Each burner packed complete in neat carton as described, 25 cartons in a case.

STERLING BRAND FOR QUALITY STANDS



# GAS BURNERS AND FITTINGS









No. 17. —Regulation size basket. Gilt finish. Plain check. For natural gas only	Per dozen 8	\$ 2.00
No. 13. —Frederick. Without air-shutter. Wheel check. Gilt finish		4.00
No. 2A Large basket. With Frederick lever check. Gilt finish. For natural or artificial gas	44	4.80
No. 39New pattern. Extremely high power burner fitted with new air mixer. With wheel check.	. For nat-	
ural or artificial gas. Bright brass	Per dozen	4.80
One dozen in a box.		

LAVA TIPS





No. 681 ..... Per gross \$ 1.50 No. 673.—Jumbo burners, 40 to 80 candle power. Complete pillar and tip .... Per dozen 1.50 No. 0673 .- Jumbo pillars only ...... .60 No. 6730 .- Jumbo tips only 1.00 Six dozen in a box.

#### ELECTRIC HOLDERS.



Matching inverted burners illus-Electric holders. trated on page 792 and taking same size glassware. No. 33B .- Brush brass. Matches light No. 25. Each \$ .60 No. 330.—Oxidized cop. Matches light No. 25 No. 34B.—Brush brass. Matches light No. 20 No. 34O.—Oxidized cop. Matches light No. 20 .60 .70

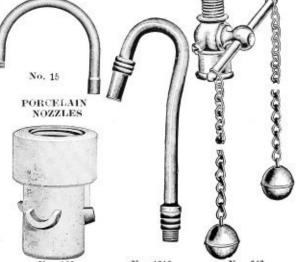
#### INNER GLOBE RINGS.



No. 20.—Inner globe ring. For all Standard burners using inner globes measuring not over 21/2 inches in diameter. .. Per dozen

GOOSE NECKS





	No. 100	No. 1210	No.	042
No.		necks. 1/8 male		
	Per do	zen		\$ 1.70
No.		in nozzles. For		
	Hold th	ne mantle straig	ht Per doz	en 1.50
No.		nation stork Can be used wit		
		zen		
No.		s cocks. Turne		

#### GAS LIGHTERS

Natural hardwood handle. Cast iron key, will not rust. One doz. in a bundle. Per doz. \$ 1.70

#### WAX TAPERS

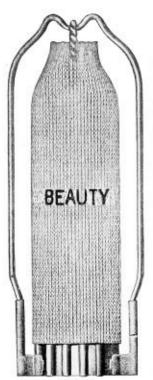


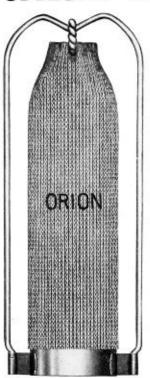
Wax tapers, Fringed ends, Standard lengths, 30 in a box. No. 301.-Medium quality ...... Per dozen boxes \$ .80 No. 305 .- Extra heavy and fine quality " "

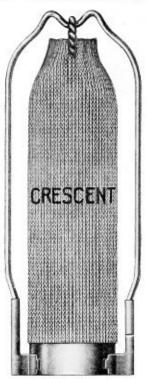
"STERUNG BRAND FOR QUALITY STANDS"

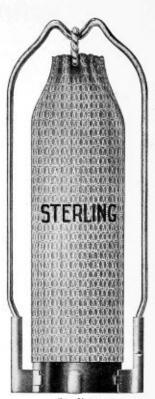


# UPRIGHT GAS MANTLES









Beauty. Sterling. Orion. Crescent. ..... Per dozen \$ 1.70 Double wire supports, lava coated. Very brilliant -Single weave. Powerful and durable .. 1.80 Orion. -Single weave. Double wire supports, with steel cap Unshrinkable. Very serviceable 2.40 Crescent.—Single weave. Double wire supports, with steel cap. Double wire supports, with steel cap. Extra high grade and very brilliant Sterling. —Triple weave. 3.60 41/6 dozen (50) mantles in a box. All Upright mantles fit any Standard Incandescent gas burner.

# INVERTED GAS MANTLES









Brighton. Gasco.





Inverted mantles will all fit the regulation Standard inverted burners of any make. We offer in the several brands good value for the money. All first class as regards material and workmanship.

"STERUNG BRAND FOR QUAUTY STANDS"



# GAS GLOBES. CHIMNEYS AND CANOPIES



burners.

No. 981-1. -- Diameter 5

No. 594F-6.-



No. 594



inches. Frosted top. For inverted Per dozen \$ 1.80 burners. One dozen in a carton ... -Diameter 5 inches. Frosted top. For inverted ..Per dozen burners. Six dozen in a case ..... Diameter 41/4 inches, Frosted top. For gallery Six dozen in a case ..... Per dozen 1.50 Diameter 41/2 inches, All frosted. For gallery burners. Six dozen in a case ......Per dozen



No. 340



No. 340 .- Mica. Inner inverted. Three piece clear Mica with air space and bottom cone. 3 flanged metal supports hold firmly to nack of globe. Each in carton. ... \$ 3.00 No. 670.—Mica. Length 7 inches. Six piece. For incandes-Per dozen

cent gas lamps. Each in carton ...... Per dozen One dozen in a box.



No. 7 .- Opal glass. Diameter 7 inches. Smoke bells. 7 doz. in a barrel. Per dozen ..... \$ 2.40



No. 3 .- Mica Canopy. Diameter 33/4 inches. 3 supports. Per dozen \$ .80 One dozen in a box.



No. 5 .- Mica Canopy. Diameter of top 5 in. 3 supports easily adjusted to globe or chimney. Per dozen \$ 1.60 One dozen in a box.

# LAMP CHIMNEYS

SUN CRIMP TOP Nos. 1 & 2

ROCHESTER No. 2

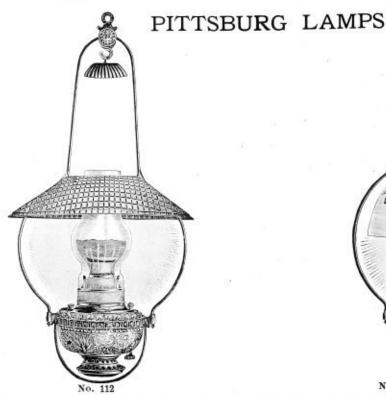


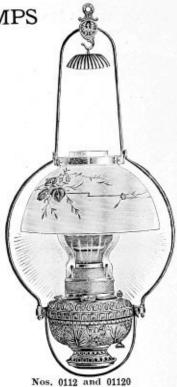
PITTSBURGH MAMMOTH No. 2



Cases No. 13, 16, 23 and 26	Case No. 23R	Case No. 21	
No. 13Sun crimped top size 1.	Climax, in corrugated tubes.	Three dozen in a case	Per case \$ 3.00
No. 16Sun crimped top size 1.	Climax, in corrugated tubes.	Six dozen in a case	5.50
No. 23Sun crimped top size 2.	Climax, in corrugated tubes.	Three dozen in a case	4.00
No. 26Sun crimped top size 2.	Climax, in corrugated tubes.	Six dozen in a case	7.50
No. 23R -Rochester top, 10 inch.	Climax, in corrugated tubes. T	hree dozen in a case	" 4.80
No. 21Pittsburg Mammoth. C.	limax, in hay. One dozen in a	case	" 4.00
Sold only in f	ull cases. No charge for packing	ng. No allowance for breakage.	



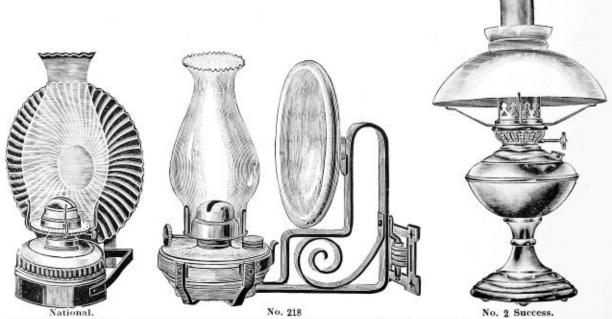




Each \$ 6.00 7.00 No. 01120 .- Nickel plated, with plain (not decorated) porcelain dome. Complete. One in a barrel 7.50 Pittsburg lamps hold over 8 pints of oil. Sufficient to yield a brilliant white flame for over 11 hours. Gives as much light as 20 ordinary gas jets. Will illuminate a room 40 feet square. Indicator shows at a glance quantity of oil in fount. Harp has patent lock ring for putting in and removing fount from below.

# BRACKET LAMPS





National.—Steel frame. Complete with No. 2 burner, chimney and tin reflector. One dozen in a case Per dozen \$5.00 No. 218 .- Black wrought iron bracket. Complete with silvered glass reflector and No. 2 burner and chimney. 15.00

10.00 Per dozen No.

42.00 Lamps sold only in full cases as noted. No charge for packing.



HAND AND STAND LAMPS

SWISSVALE AND BELLEVUE







No. O Stand Complete with burners and

chimneys. Finished goods. Swissvale Assortment.-36 lamps assorted as follows: 6 each No. O Flat

hand, No. A Foot hand, No. O Stand and No. A Stand all with No. 1 burners; 3 each Nos. B, C, D, and Sewing Stand lamps with No. 2 burners. All complete with chimneys in case ready for shipment.

hand, and No. A Stand with No. 1 burners; No. B Stand and No. C Stand with No. 2 burners. All complete with chimneys in case ready for shipment ...... Per assortment \$ 6.00



BRIGHTON



No. O Flat Hand

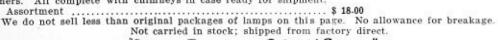


No. A Foot.









STERUNG BRAND FOR QUALITY STANDS"



Sewing.

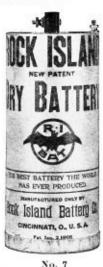


# DRY BATTERIES













No. 8 Nos. 6S. 7S. and 8S

sterning	Orion	240. 6	140. 1		.105. 05, 15, 11	
		e 2½x6 in. Voltage 1. battery on the marke				\$ -40
teries,		2x6 in. Designed for a popular price and po			value for the	20
No. 6. —Rock Is	sland dry cell. Size	21/2x6 in. Hand made	e and high grade.	For general all arc	ound use. High	.30
		nanship throughout	25 in a barrel.		77 - 1	-40
		3x7 in. Voltage 1.52 to rger size cell on accou- 75 in				.70
for ign	ition work and whe	3½x8 in. Voltage 1.5 rever this size and w e life of a set of this	eight can be used i	it will be found ec	onomical in the	
Each .		50 in	a barrel.			1.00
		Size 21/2x6 in. Voltage				
ed for	automobiles, motor	boats and all gas and 125 in	l gasoline ignition : a barrel.	purposes	Each	.50
poses, t	the size to use if un		inch cell a barrel.		Each	.80
No. 8S.—Sparker tion cel	r Ignition dry cell. Il possessing long li	Size 31/2x8 in. Volta; fe and lasting qualiti	ge 1.53 to 1.56; ampe	erage 20 to 25. A	large sized igni- Each	1.20

50 in a barrel. Nos. 7S and 8S not carried in stock. Shipped from factory direct.

The dry cells above listed are strictly high grade in every sense. Only heavy gauge zinc and nine cylinder corrugated carbon used in the construction. Every cell is constructed entirely by hand and tested four times during process of manufacture.

The initial amperage has long been a misleading proposition—a great many people thinking that the higher a cell is in initial amperage the better it is. This is a very grave mistake, as every test made by competent authorities has proven that a set of batteries which run from 16 to 18 amperes will last from 10 to 12 per cent. longer than a set testing 27 amperes. As a matter of fact a set of batteries having 16 amperes will give satisfactory spark for ignition—27 amperes will do no better work and will have a very much shorter life.

The Sterling cell runs from 16 to 20 amperes—occasionally in a barrel a few may be found running a trifle lower and a few a trifle higher.

The Sparker Ignition cells are designed and constructed with a view of giving to the user of a gas or gasoline engine, the best battery for ignition purposes that skill and experience can produce.

# BATTERY CONNECTORS





"QUICK ACTION" BATTERY CONNECTOR.



No. 1.—Quick action battery connectors. One piece flexible annealed copper perfectly and permanently insulated. Attaching ends ribbed to provide stiffness and cushion and furnished with a slotted hole. Length about 4 in. Per 100 \$ 2.00 250 in a box.



No. 0.—Pocket ammeter. Diameter 2 in. Registers 6 to 30 amps. For testing current strength of batteries ...... Each \$ 2.00









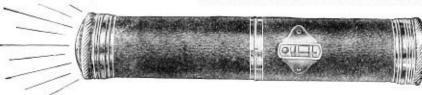
Nos. 2616 and 2619.

No. 2616.—Miner's Flash Light. Extra large lens and reflector. 21/2, volt Mazda A bulb. With new Tungsten battery. Vulcanized fibre case. Both intermittent and permanent connections. Size of case 11/2x61/2 in. Guaranteed life of battery, 10 hours continuous or 20 hours intermittent . No. 2619.—Miner's Flash Light. Extra large lens and reflector. 3½ volt Mazda A bulb. With new Tungsten battery. Vulcanized fibre case. Both intermittent and permanent connection, Size of case 1½x8½ in. Guaran-

teed life of battery, 10 hours continuous or 20 hours intermittent ...... Each

This type spreads and intensifies the light in a manner that better adapts it for many purposes. The lens is of large diameter and the light is provided with a powerful reflector. Used by miners to advantage in underground passages and satisfactorily meets the requirements in camp life.

No. 6909.—Vest or Coat Pocket Flash Light. Convenient size and shape for personal use. 31/4 volt Mazda A bulb. With new Tungsten battery. Vulcanized fibre case, 1x23/4x31/2 in. Guaranteed life of battery, 4 hours continuous or 8 hours intermittent ......





Nos. 2606 and 2604

No. 2606.—Tubular Flash Light. Straight lens. 31/2 volt Mazda A bulb. With new Tungsten battery. Leatherette covered case. Both intermittent and permanent connections. Size of case 11/2x81/2 in. Guaranteed life of battery, 20 hours intermittent or 10 hours continuous

No. 2604.—Tubular Flash Light. Straight lens. 2½ volt Mazda A bulb. With new Tungsten battery. Vulcanized

fibre case. Both intermittent and permanent connections. Size of case 11/2×61/2 in. Guaranteed life of battery 10 hours continuous or 20 hours intermittent .....

A convenient and compact light for those who work at night or are obliged to visit dark places.

No. 6900.—Midget Vest Pocket Flash Light. Smallest flash light in the world. 21/2 volt Mazda A bulb. With new Tungsten battery. Nickel plated brass case, 21/2x11/2x11 in. Guaranteed life of battery, 1 hour continuous or 2 hours intermittent. Smaller in size than the average match case and will be found invaluable

in a number of ways ..... Each

1.70





No. 4701

Extra Battery.

No. 4701.—Watchman's Lantern. Extra large lens and reflector. Mazda A bulb. With new Tungsten battery. Polished nickel case. Guaranteed life of battery 10 hours continuous or 20 hours intermittent. Useful everywhere as wind and storm have no effect on them.....

Tungsten Batteries. Retain strength four times longer than the ordinary fiash light battery. Each battery guaranteed as to life and service according to guarantee placed on every one. Will stand on the shelf without depreciating more than 10% for from 2 to 9 months according to size.

No. 700.—Size 11/8x17/8x % in. Continuous service 1 hour, intermittent service 2 hours. For No. 6900 No. 700.—Size 1/8\*1/8\* 16 ... No. 790.—Size 1%x1%x4¾ in. No. 705.—Size 1%x1%x7 in. .30 Continuous service 10 hours, intermittent 20 hours. For Nos. 2616 and 2604 ... .30 Continuous service 10 hours, intermittent 20 hours. For Nos. 2619 and 2606 ... .40 .40

When inserting new battery see that brass contacts of battery and of bulb are bright and clean to insure perfect connection. Keep batteries in original packages-not in flash light cases. Care should be taken to see that the bulbs are firmly but carefully and gently screwed in to insure a good contact.



#### DEITZ LANTERNS









Hy-lo. Victor. Monarch. Royal. -Round tube. Simple lift for raising the globe to light. 4 candle power. No. 1 burner, 5% inch wick. No. Hy-lo.-Per dozen \$ Victor.—Square tube. Side lift, raises globe to light and locks same when down. Per dozen

Victor Ruby.—Same as Victor but with No. 0 tubular Ruby globe. Per dozen

Monarch —Round tube. Inside lift, raises globe to light and locks same when down. 4 candle power. No. 1

burner, 5% inch wick. No. 0 tubular globe. Strongest and most durable 0 tubular lantern made. Per dozen

Royal.—Round tube. Inside lift, raises globe to light and locks same when down. No. 2 burner, 1 inch wick.

Per dozen

Per dozen 8.00 12.00 8.50 Blizzard cold blast globe . Per dozen
Royal Ruby —Same as Royal but with Blizzard Cold Blast Ruby globe . Per dozen 11.50 18.00 One dozen or one-half dozen in a case.







Crescent.

Nos. 2 and 02 Blizzard

No. 200 Blizzard

Crescent.—Round tube. Inside lift, raises globe to light. Cold blast. No. 2 burner, 1 inch wick. Blizzard cold blast globe

No. 2 Blizzard.—Round tube. Inside lift. Cold blast. No. 2 burner, 1 inch wick. 10 candle power. Blizzard cold blast globe

No. 02 Blizzard.—Round tube. Polished brass fount and dome. Inside lift. Cold Blast. No. 2 burner, 1 inch wick. 10 candle power. Blizzard cold blast globe. A very superior and serviceable lantern extremely beautiful in appearance

No. 200 Blizzard.—Round tube. Inside lift. Cold blast. No. 2 burner, 1 inch wick. Blizzard cold blast globe.

Extra large fount holding oil sufficient to burn 40 hours.

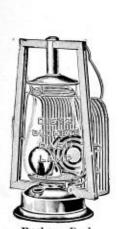
One-half dozen in a case.

Exclusive Dietz Features.

All bails fastened in tubes with brass eyelets and stand erect. Extra large fillers. Dome shaped founts, prevent lantern from rusting. Concaved bottoms and re-tinned founts. Made from best IX quality tin—every lantern tested and guaranteed. All fitted with extra heavy re-tinned steel burners. Globe cleaned, carefully selected and ground top and bottom. Patent side lever for raising and lowering the globe and securely locking in place. Can be filled, lighted, regulated and extinguished without removing the globe.



#### DIETZ LANTERNS











Buckeye Dash .- Square tube. Side lift. Black Japan. Bullseye on burner plate. Reflects over 10 candle power. No. 1 burner, % inch wick. No. 0 tubular globe. Corrugated re-tinned reflector. With dash attachment Per dozen \$ 13.00 No. 20 Blizzard Dash .- Round tube. Side lift. Black Japan. Bullseye on burner plate. Reflects over 20 candle 19.00 Little Star.—Square tube. Side lift. Raises globe to light and locks same when down. No. 1 burner, 5/4 inch 8.00 Junior Tin.—Round tube. Inside lift. No. 1 Junior burner, 5/8 inch wick. Junior cold blast globe. . . . 11.00 18.50 27.00 Junior Side .- Round tube. Inside lift. Beautifully finished in black enamel. Bullseye on burner plate and corrugated reflector both magnifying the light. 7 candle power. No. 1 Junior burner, 5% inch wick. Junior cold blast globe. Holds oil sufficient to burn 13 hours. With bracket for fastening to vehicle. Can be removed from bracket to use as a lantern ...... Per dozen 21.00

One-half dozen in a case.









Union Deiving

Octo Driving.

No. 30 Beacon.	No. 60 Deacon.	Chion Diving.		
tin reflector 7 incl oil sufficient for 2	hes deep, 12 inches across. H 25 hours. Three in a case	ard burner, 1 inch wick. Blizza: eight 15¼ inches. Reflects ove	er 50 candle power. Holds Each \$ 3	3.50
Bright tin reflect Reflects over 100	or, 8 inches deep, 16 inches candle power. Holds oil suff	t shaft steel burner, 1½ inch v across. 5 inch silvered glass re icient to burn 30 hours. One in	a case Each	7.50
Spring catch, No. Fitted with bail s	0 Union long cone burner, erving equally well as a lant	n reflector. 30 candle power. Pla % inch wick. Furnished regula- tern. Six in a case	rly with dash clamp holder. Each	5.00
Octo Driving, Similar	n construction to the well	known Union above described	but slightly smaller and	

STERUNG BRAND FOR QUALITY STANDS

lighter and consequently more desirable for buggy use. With ruby signal in rear of reflector. Six in a

## LANTERNS







-				
Nos	s. 39 and 39R.	Steel Clad Railroad.		
No. 39	-Railroad. Burns railroad signa	l oil. No. 1 extra ratchet burn	er, 1 inch wick. No. 39 Railroad gle	obe,
	bayonet catch. Double wire gua	ard. One piece fou nt, re-tinned-	—no leakage Per do	ozen \$ 15.00
No. 39R	-Railroad. Same as No. 39 Railr	road but with gen uine Ruby gle	obe Per do	ozen 20.00
Steel Clad	Railroad. Burns railroad sig	nal oil. No. 1 extra ratchet l	burner, 1 inch wick. No. 39 Rails	road
	globe. Flat steel upright guard	s and skeleton bo ttom. Bayone	t catch Per do	ozen 18.00
Vesta	-Cold blast. No. o Vesta burner	, % inch wick. Vesta globe. 3	candle power. Fount holds oil to b	ourn
	16 hours		Per do	ozen 23.00
		One-half dozen in a case		







No. 3F Police.



No. 3P .- Police. Regular. 3 in. lens. Brown Japan. Burns signal oil. Fount holds oil to burn 18 hours. Per dozen \$ 13.00 No. 3F.—Police. Flash pattern. 3 in. lens. Otherwise same as No. 3P above described

Cadet. —All brass. With small burner and Cadet globe. A handy household article



No. 3.—Pioneer street lamp, Height 241/2 inches. For use on post or bracket ... Each § 7.20 One in a case.

# STREET & HANGING LAMPS

One dozen in a box.

Pinoeer street and hanging lamps. Compact, easily kept clean and gives service for years. Fount holds oil sufficient to burn 24 hours. Cold blast. With No. 3 Pioneer patent steel burner, 1½ inch wick and No. 3 globe. Fitted with device whereby it can be set to burn for a fixed number of hours and then automatically extinguish itself. Gives a light of over 22 candle power. Painted green and furnished for either post or hanging as listed below. The flame is regulated from the outside and the lamp will be found especially serviceable out of doors where a strong light is required as it is not affected by the strongest winds.



No. 3B .- Extra fount and burner. Suitable for Pioneer street or hanging lamps.



No. 03.—Pioneer hanging lamp. Height 211/2 inches. With bail .... Each \$ 7.20 One in a case.

STERUNG BRAND FOR QUALITY STANDS



# STREET LAMPS



One in a crate.

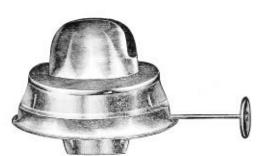




STORM BURNERS

2101 0001					
No. 550.—Cottage Bracket.	Extends 30 inches.	Globe $10\frac{1}{4}x11\frac{1}{2}$ inches.	Useful at the side or	in the front of	44.00
buildings	*********			Each \$	11.00
No. 800 Hexagon Bracket	<ol> <li>Height 30 inches;</li> </ol>	projection 32 inches.	Copper dome and sides.	Cast fron base	
and bracket, Gla	ss 61/4x11 inches. Ore	dinary window glass may	y be used for the sides	minimizing the	
cost of keeping i	n shape			Each	16.00
No. 080 Hexagon Post. S	Same lamp as No. 800	but without the bracke	t-for use on a post	Each	14.00
No. 125.—Storm Burners.	Complete with valve	and ninnles With feeds	ers A nonular outdoor h	urner requiring	* 1.00
No. 125.—Storm Burners.	Complete with valve	and hippies. With feede	as, a popular outdoor b	Took	0.50
no globe				Each	2.00

# LANTERN BURNERS



No. O.—Brass. Suitable for No. 0 Tubular Lanterns. Takes % inch wick . . . . . Per dozen \$ 1.10 One dozen in a box.



No. 2C.—Cold Blast. Brass. Suitable for Cold Blast Lanterns. Takes 1 inch wick , Per dozen \$ 2.00 One dozen in a box.



No. 1V.—Dietz Victor. Lug cone. % inch wick. Suitable for Victor, Crown, Monarch, Little Star or Buckeye Dash lanterns....... Per dozen \$ 1.00 One dozen in a box.



No. 2R.—Dietz Royal. Slotted cone. 1 inch wick. Suitable for Royal lanterns. Per dozen \$ 1.80 One dozen in a box.





No. 2B.—Dietz Blizzard. Slotted cone. 1 inch wick. Suitable for Blizzard Cold Blast Regular and Dash and No. 30 Beacon lanterns. Per dozen \$ 1.80 One dozen in a box.



No. 0V.—Dietz Vesta. Long cone. 3/8 inch wick. Suitable for Vesta lanterns. Per dozen § 2.40 One dozen in a box.



# LAMP BURNERS



No. 3B.—Dietz short shaft. 1½ inch wick. Suitable for No. 60 Beacon lanterns. Per dozen \$ 8.00 One dozen in a box.



No. 0U.—Dietz Union, 3/8 inch wick. Suitable for Union and Octo driving lamps. Per dozen \$ 4.80 One dozen in a box.

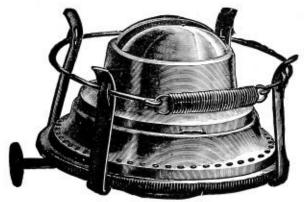


Dietz lantern and lamp burners are all made of tinned steel. Produce a better flame and outwear the ordinary burners.



# LAMP BURNERS





Security. All brass. With spiral spring. Gives a steady light and saves the chimney.

No. 1S.—Takes No. 1 wick and Sun chimney. Doz. \$ 1.30 No. 2S.—Takes No. 2 wick and Sun chimney. " 1.60 One dozen in a box.



No. 2P.—Puritan. Brass cone, brass plated frame.
Takes No. 2 wick and Sun chimney.
Per dozen \$ 1.30



# LAMP WICKS



No. 1.—(A) Common. % in. wide. 8 in. long. Gross \$ .80 No. 2.—(B) Common. 1 in. wide. 8 in. long. " 1.20

No. 3.—(D) Common. 1½ in. wide. 8 in. long. " 1-80 One gross in a package.

No. 80. —Circular lamp wicks. Suitable for Pittsburg Mammoth lamps. Per dozen \$ 2.40 One dozen in a package.

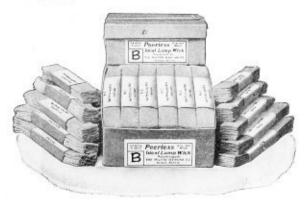
No. 149W.—Circular wicks. Suitable for oil stoves Nos. 161S, 149 or 158 ...... Per dozen \$ 2.40 One dozen in a package.

#### LIGHTING RINGS



No. 60.—Lighting Rings. For wickless oil cook stoves. . . . . . . . . . Per dozen \$ 1.20

One dozen in a package.



Peerless Ideal 8-inch cut lamp wick. Neatly labeled, put up in bundles. Retails at 5c a bundle.

"STERUNG BRAIND FOR QUALITY STANDS"

# LANTERN GLOBES

#### No. 0 TUBULAR



#### No. 0 Tubular, Plain.

No.	01.	-One	doz.	boxes	Doz.	\$ 1.50
No.	02.	-Two	doz.	boxes	44	1.30
No.	05.	-Five	doz.	boxes	44	1.10

#### No. 0 Tubular, Ruby.

No.	01R	-One	doz.	boxes	Doz.	\$ 3.80
No.	05R	-Five	doz.	boxes	41	3.50

## No. 0 TUBULAR BULL'S EYE



No. 0 Tubular Bullseye, Plain. No. 0B1.—One doz. boxes. Doz. \$ 3.00

#### BLIZZARD



#### Blizzard Cold Blast, Plain.

No.	B1.—One	doz.	boxes	Doz.	8	1.70
No.	B2Two	doz.	boxes	**		1.60
	B5Five			41		1.40

#### BLIZZARD BULL'S EYE



Blizzard Bullseye, Plain. No. BB1.—One doz. boxes Doz. \$ 3.20

#### No. 39 R. R.



#### No. 39 Railroad, Plain.

No.	391.	-One	doz. bxs.	Doz.	\$ 1.80
No.	392-	-Two	doz. bxs.	**	1.70
No.	205	-Five	doz. bxs.	**	1.50

#### No. 39 Railroad, Ruby.

No.	391ROne	doz. bxs.	Doz.	\$ 4.50
No.	395R -Five	doz. bxs.	**	4.00

#### No. 39 R. R. BULL'S EYE



No. 39 Railroad Bullseye, Plain.

No. 39B1.—One doz. bxs. Doz. \$ 3.20

#### VESTA



Vesta, Plain.

No. V1.—One dozen boxes Doz. \$ 4.00 Suitable for Vesta Lanterns and signal lamps.

#### JUNIOR



Junior Cold Blast, Plain.

No. J1.—One dozen boxes Doz. \$ 1.50 Suitable for all Junior regular and dash lanterns.

U. S.



U. S. Tubular, plain. No. 00.—One doz. boxes. Dozen \$ 1.50 Suitable for Little Star Lanterns.

Cadet, Plain.
No. C1.—One doz. boxes Doz. \$ 1.00
Suitable for Cadet lanterns.

#### No. 2 TUBULAR



No. 2 Tubular, Plain.

No. 2.—One-half dozen boxes ....... Per dozen \$ 8.00 Suitable for No. 60 Beacon lights.

#### No. 3 PIONEER

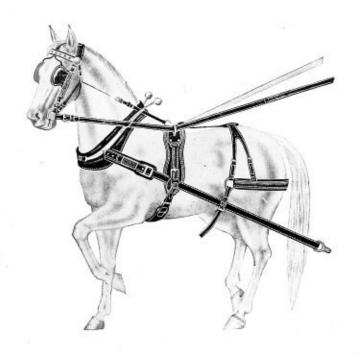


No. 3 Pioneer, plain.

No. 3.—One-half dozen boxes ....... Per dozen \$ 9.00 Suitable for Pioneer street and hanging lamps.

# HARNESS

# SADDLERY HARDWARE



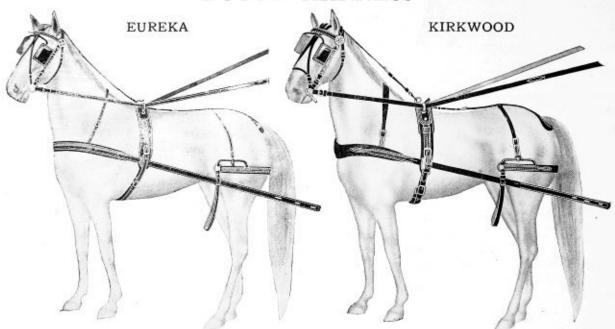
# HORSE AND STABLE SUPPLIES

LOGAN-GREGG HARDWARE CO.

PITTSBURG



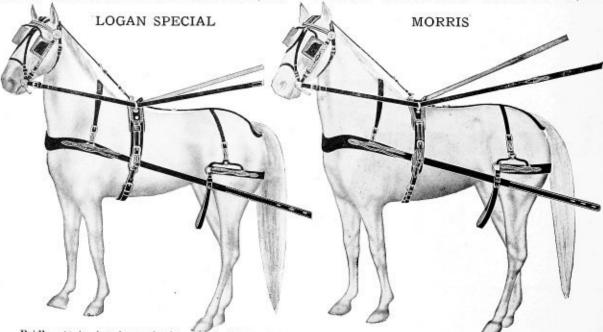
## **BUGGY HARNESS**



Bridle, % in. double stitched cheeks, patent blinds, flat stays, flat reins; Lines, ¾ in. Buckle end; Shaft Tugs, 1 in. double with billets; Belly Bands, Flat single; Breast Collar, Folded with layer, 1 in. double and stitched traces attached to breast collar; Saddle, 3 in. full pad enamel cloth, patent leather skirts, 1 in. double and stitched back bands; Breeching, Folded and stitched with layer, 34 in breeching straps. 5% in hip straps and % in. turnback. Eureka.—Japan

-Japanned Trimmed ...... Per set \$ 10.50

Bridle, % in. box loop cheeks, patent blinds, flat Bridle, % in. box loop cheeks, patent blinds, flat overchecks, round stays, layer on crown; Lines. % in. x1 in., Buckle end; Shaft Tugs. 1 in. double with box loops and billet end; Belly Bands. Flat, double; Breast Collar. 2½ in. single strap, curve with 1½ in. single strap traces attached; Saddle. 2½ in. strap skirts, patent jockey and housings, leather bottom, 1 in. double and stitched back bands; Breeching. 1½ in. single strap body, % in. breech straps, ¾ in. hip straps, % turnback. Kirkwood.—Imitation Rubber Trimmed. Per set \$ 15.00



Bridle. 1/8 in. box loop cheeks, round stays, overcheck with nose piece, patent blinds and fronts, layer on crown; Lines. ½ in. x 1 in. billet end; Shaft Tugs. 1 in. double with box loops; Belly Bands. Flat, double; Breast Collar. 3 in. single strap curve with 1¼ in. single strap traces attached; Saddle. 3 in. strap skirts, pattern that shall be strap to the strap traces attached; Saddle. 3 in. strap skirts, pattern that shall be strap to the stra ent jockey and housings, leather bottom, 1 in. double and stitched back bands; Breeching. 1% in. single strap body, % in. breech straps, % in. hip straps, % turnback. Logan Special.—Imitation Rubber or Nickel Trimmed.

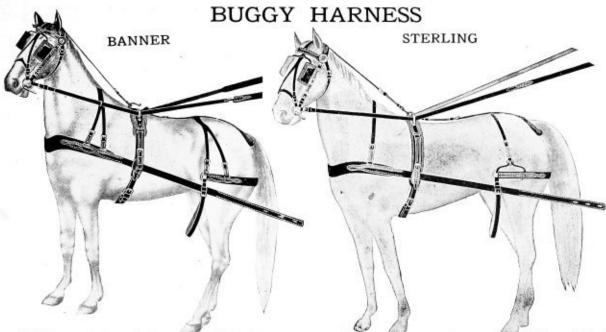
..... \$ 18.00

Bridle. % in. box cheeks, patent blinds, round fronts, flat overcheck with nose piece, layer on crown; Lines, %x1½ in., billet end; Shaft Tugs. 1 in. double with box loops; Belly Bands. Flat, double; Breast Collar. 3 in. single strap curve with 1½ in. single strap traces attached; Saddle. 3 in., flexible tree, single skirts, patent jockey and housings, enamel leather bottom; 1 in. dee back band; Breeching. 1¾ in. solid single strap body, ¾ in. breech straps, ¾ in. hip straps, ¾ turnback.

Morris.-Davis Rubber or Nickel Trimmed. Per set \$ 20.25

STERUNG BRAND FOR QUAUTY STANDS"



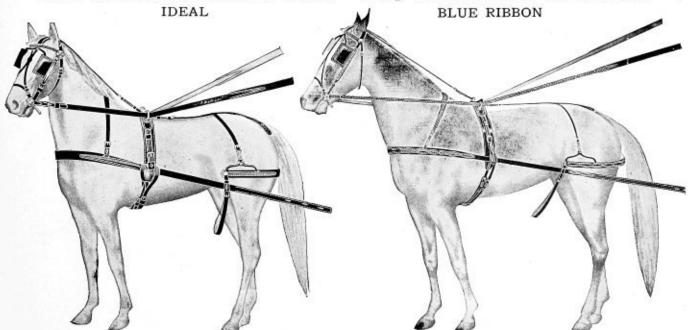


Bridle. 5% in. box cheeks, patent blinds, flat overcheck with nose band, round stay, layer on crown; Lines. 7%x11% in., billet end; Shaft Tugs. 1 in. double with box loop; Belly Bands. Flat, double; Breast Collar. 3 in. single strap, curve with 11/4 in. single strap traces attached, 5% in. double neck strap; Saddle. 3 in. flexible tree, single skirts, patent jockey and housings, dee back bands, enamel lea. bottom. Breeching. 13/4 in. single strap body, 5% in. double hip strap, 7% in. turnback, sewed docks.

Banner .- Davis Rub. or Nickel Trimmed. Per set \$ 22.50

Bridle. % in. box cheeks, patent blinds and fronts, round stays. flat overcheck with nose band, crown with layer; Lines. % 1½ in., billet end; Shaft Tugs. 1 in. double with box loops; Belly Bands. Flat, double; Breast Collar. 3 in. single strap curve with 1¼ in. single strap traces attached, scallop points; Saddle. 3 in. full pad, enamel leather bottom, patent jockey and skirts, covered seat, dee back bands; Breeching. 1¾ in. single strap body, scallop layers, % in. breeching straps, ¾ in. hip straps, ¾ in. turnback.

Sterling.—Davis Rubber Trimmed ..... Per set \$ 24.75



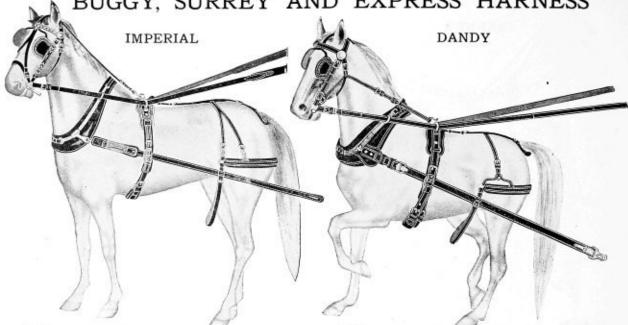
Bridle. % in. box cheeks, patent leather blinds, round winker stay, flat overcheck with nose band, layer on crown: Lines. %x1½ in., billet end; Shaft Tugs. % in. double with box loops; Belly Bands. Flat, double; Breast Collar. 1¾ in. straight patent, single strap body, 1½ in. single strap traces attached; Saddle. 2½ in. full pad, patent leather skirts and jockey enamel leather bottom; Breeching. 1½ in. single strap body, 5½ in. hip strap, % in. breeching strap, scallop turnback, sewed docks.

Ideal.-Genuine Rubber Trimmed ..... Per set \$ 27.00

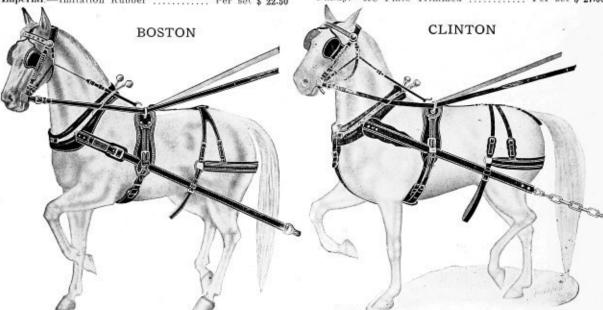
Bridle. ½ in. box cheeks, track patent leather blinds, fold crown, round winker stays, flat overcheek with nose piece; Lines, ½x1½ in. beaded foreparts; Shaft Tugs, ½ in. double with box loops; Belly Bands. Enamel or calf fold with layer. Double; Breast Collar. Enamel or calf fold with layer and 1½ in. single strap traces attached; Saddle. 2½ in. full Kay, leather bottom, patent leather jockey and skirts, dee back bands; Breeching. Enamel or calf fold with layer, ¾ in. breeching straps, ½ in. hip straps, ½ in. turnback.

Blue Ribbon .- Genuine Rubber Trimmed. Per set \$ 30.00

# BUGGY, SURREY AND EXPRESS HARNESS



Bridle. 5/8 in. box cheeks, patent blinds and fronts, lay on crown, round stays, flat overcheck with nose piece; Lines. 76x1 in. Buckle, billet end; Shaft Tugs. 1 in. double with box loops; Belly Bands. Folded and stitched; Saddle. 3 in fexible tree, patent jockey and housings, single strap skirts, 1 in dee back band; Breeching. Folded and stitched with layer, % in breeching straps,  $\frac{5}{6}$  in. split hip straps,  $\frac{7}{6}$  in. turnback; Hames & Tugs.  $\frac{11}{4}$  in. box loops with safe attached to Japan body hames; Traces.  $\frac{11}{4}$  in. double and stitched, 6 ft. long, hole end; Collar. All black, kip. (Specify size.) Imperial.—Imitation Rubber ...... Per set \$ 22.50 Bridle. ½ in double stitched cheeks, harness leather blinds, flat winker stays and side reins; Lines. ½x1 in. Buckle end; Shaft Tugs. 1½ in double, with box loops; Belly Bands. Folded and stitched; Saddle. All leather housings and pad, with layer and ring back band, single strap skirts; Breeching, Folded and stitched with layer 7½ in him strap 1 in breeching strap 7½ in with layer, % in. hip strap, 1 in. breeching strap, % in. turnback, buckle docks; Hames & Tugs. 1½ in. box loops with safe attached to all Japan steel hames; Traces. 11/2 in. double and stitched, 6 ft. long, Cockeye end; Collar. All leather team. (Specify size wanted.) Dandy.—XC Plate Trimmed ...... Per set \$ 27.00



Bridle. 3/4 in. box loop cheeks, patent blinds, layer on crown, round winker stays and side reins; Lines. 1 in., buckle end; Shaft Tugs. 1½ in. double, with box loops; Belly Bands. Folded and stitched; Saddle. 4½ in. all harness leather skirts and jockey, full pad, Kersey bottom, 11/4 in. double and stitched, dee back bands; Breeching. Folded and stitched with layer, 34 in. spotted hip straps, 1 in. breeching strap, % in. turnback, no docks; Hame Tugs. 11/4 in. and wood hames; Traces. 11/4 in. x 6 ft., cockeye end; Collar. All leather.

Boston.-Japan, 5 piece, Brass Trimmed. Per set \$ 33.00

Bridle. 34 in. box cheeks, patent blinds, round winker stay and reins, brass fronts and rosettes; Lines. 1 in., buckle end; Shaft Tugs. 11/4 in. double, bar buckle and billet end; Belly Bands. Folded and stitched; Saddle. 5 in. all harness leather skirts and jockey, full pad; Kersey bottom, hair stuffed, dee back bands; Breeching. Folded and stitched with layer, % in. hip straps, 1¼ in. breeching straps, 1 in. turnbacks, buckle docks; Traces. 1¾ in. x 6 ft. double and stitched, wood brass ball top hames; Choke Straps. 1 in. single, billet end; Collar. All leather.

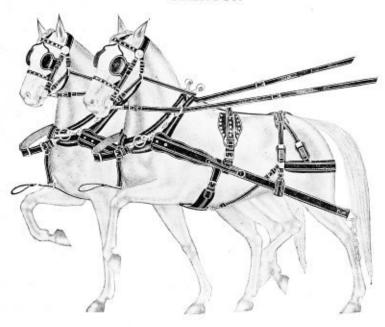
Clinton.—Solid Brass Trimmed ...... Per set \$ 37.50

STERUNG BRAND FOR QUALITY STANDS"



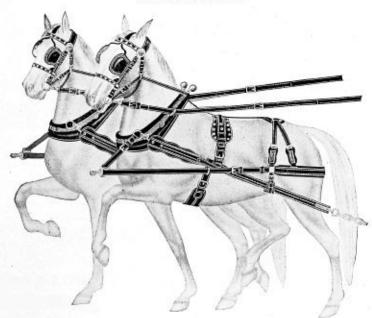
# TEAM HARNESS

TRENTON



Bridle.  $\frac{1}{8}$  in. double and stitched cheeks, harness leather blinds, spot front and nose band, round winker stays, flat side reins; Lines. 1x20 ft. Buckle end; Breast Straps. 1½ in. single strap, with snap and slides; Choke Straps. 1½ in. single strap, buckle and billet end; Belly Bands. Folded and stitched; Back Bands. Large fancy swell, all harness leather spotted with rings and 1½ in. market straps; Breeching. Folded and stitched with layer, 3 ring hip straps, 1½ in. lower hip strap, 1½ in. side strap, 1½ in. single turnback; Traces. 1¾ or 2 in. x 6 ft. double and stitched, 3 row, 50 chains and 91 brass Chicago ball hames attached. Collars. Not included.

#### STRONG HOLD



Bridle.  $\frac{1}{16}$  in. double and stitched cheeks, harness leather blinds, spotted fronts and nose bands; Lines. 1x20, all black. Buckle end; Jack Straps.  $\frac{1}{16}$  in. single strap with snap ends; Carrying Straps.  $\frac{1}{16}$  in. single strap; Belly Bands. Folded and stitched; Back Bands. Long folded with swell spotted housings, and  $\frac{1}{16}$  in. buckle and billets; Breeching. Folded and stitched with layer,  $\frac{1}{16}$  in. hip straps,  $\frac{1}{16}$  in. single turnbacks; Traces.  $\frac{1}{16}$  or 2 in. x 6 ft double and stitched, 3 row, 60 chains, 91 brass Chicago ball hames; Collars. Not included.

Stronghold.—Japanned and part Brass Trimmed. No Collars Per set \$ 57.00

# MINE AND CART HARNESS



No. 10—Bridle, 1 inch Pigeon Wing; Collar, double throat, hair faced; Hames, Beagle low top, patent fastener; Back Band, 4 inch, with 2 inch belly band; Trace Chain, 7 feet long; Turn Back; 1½ inch with reverse buckle at hames; Side Strap, 1½ inch from top to rump with reverse buckle and snap; Hip Strap, 1½ inch with reverse buckle and snap; Carrying Strap; 2 inch to buckle in tug on spreader; Tug, 2 inches wide, double and stitched and adjustable to fit any spreader; Crupper, folded, ½ inch to buckle; Spider, rump piece is lined with harness leather, stuffed with curled hair and with ½ inch malleable iron shield on

CART SADDLES



Hardwood tree, iron ends. Bottoms backed with long straw covered with burlap and faced with ticking stuffed with curled hair. Tops doubled and stitched and put on with brass saddle nails.

 No. 02.—Medium size
 Each \$ 8.25

 No. 01.—Large size
 " 9.00

Leather bottom saddles made to order only at same price as tick bottom.

#### BACK BANDS





For full description of saddle and breeching sent with cart harness, see below.

#### CART BREECHINGS



Heavy padded rump piece stuffed with curled hair.

No. 020.—3½ inch breeching, 1¾ inch turnback, 1¾ inch hip straps, 1½ inch loin straps, padded rump piece ..... Each \$ 8.25

No. 010.—4 inch breeching, 2 inch turnback, 2 inch hip straps, 11/4 inch loin straps. Padded rump piece Each 9.4

#### BELLY BANDS



Harness Leather Belly Bands.



# HAMES, FASTENERS, PADS ETC.

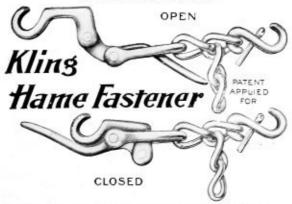


Pennsylvania Lone Star Mine. With improved fastener. No cutting away of wood to weaken the hame. Adjustable draft prevents sore shoulders. Fastener can be quickly adjusted.

be quickly adjusted.

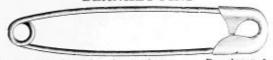
No. 69LS.—Sizes 16, 17, 18, 19, 20, 21 or 22 inches
(in ordering specify which is wanted). Doz. prs. § 24.75

#### HAME FASTENERS





#### BLANKET PINS



No. 40.—Blanket pins, large size.......Per dozen \$ .60 One dozen in a box.



	Richmond	I	ace	Hames.	Painted	red.	
Inches	******		18		19	20	21
Per doz.	prs	8	14.40	1	4-40	14.40	14.40
Inches			22		23	24	25
Per doz.	prs	\$	15.75	5 1	6.20	16-20	18.00

#### COLLAR PADS





#### TAIL HOLDERS





# HORSE COLLAR PADS



**FELTLESS** 





3

Nos. 12, 14, 12R and 12RL

No. 12F.

No. D11.

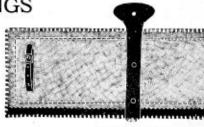
No. 12. —Width 12 inches. Brown and white. Sizes 18, 19, 20, 21, 22, 23, 24 and 25 inches	Per dozen	\$ 6.50
No. 14. —Width 14 inches. Brown and white. Sizes 19, 20, 21, 22, 23, 24 and 25 inches	**	7.50
No. 12R.—Width 12 inches. Old gold, red edges. Sizes 18, 19, 20, 21 and 22 inches	**	6.50
No. 12 RLWidth 12 inches. Old gold, red edges. Sizes 23, 24 and 25 inches	**	7.00
No. 12F Width 12 inches. Feltless. Old gold, red pinked edges. Sizes 19, 20, 21, 22, 23 and 24 inches	64	8.00
No. D11.—Width 11 inches. Dark blue, firm texture, pinked edges. Sizes 19, 20, 21, 22, 23 and 24 inches.	44	8.50
Two doven in a hale		

Two dozen in a bale.

All patterns generous and shapely and with extended tops. Material of highest grade—the hair used being thoroughly treated and containing no lime. Large size hooks of best quality.







No. 43.

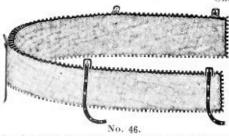
Nos. 72 and 76.

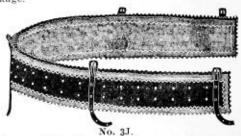


No. 68.



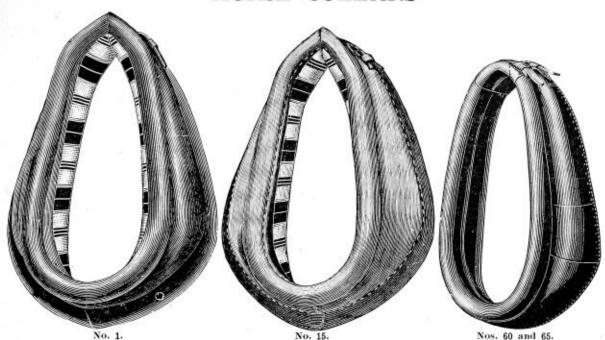
No. 68.—Size 4½x14 inches. Patent leather perforated top, Dark Blue body. Center and end straps. Per dozen \$ 4.00 No. 168.—Size 4½x18 inches. Patent leather perforated top, Dark Blue body. Center and end straps. "4.50 One dozen in a package."







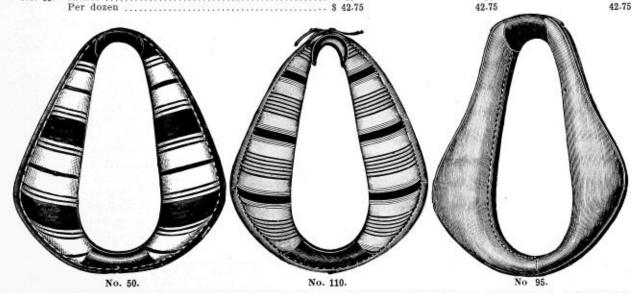
## HORSE COLLARS



No. 1 Irish. Made of best selected stock all hand made, stuffed with long straw, faced with best collar ticking and stuffed with curled hair. Fitted with single strap fastener at top. No. 1.—Inches Per dozen ..... \$ 72.00 72.0072.00 76.50 No. 15 Western Irish. Made of good solid stock, faced with best collar ticking and curled hair and finished with single strap fastener at top. No. 15.—Inches ..... 99 23 94 -inches 20 Per dozen \$ 58.50 58.50 58.50 63.00 67.50 
 No. 60.—Inches
 No. 60. Leather team. All kip and finished with single strap fastener.

 Per dozen
 18
 19
 20

 \$ 42.75
 42.75
 42.75
 22 21 42.75 42.75 17 



No. 50. Imitation Irish. Pop stitch. Kip rim and back, double ticking and hair face. Thong sewed. 16 inch draft. Finished with patent fastener.

No. 50.—Inches 18 19 20 21 22 23 Per dozen \$40.50 40.50 40.50 40.50 40.50 45.00 No. 110. Hog rim and back, ticking face. 16 inch draft. Finished with patent fastener.

No. 110.—Inches 20 21 22 Per dozen \$30.00 30.00 30.00

"STERUNG BRAND FOR QUALITY STANDS"



# SQUARE HORSE BLANKETS

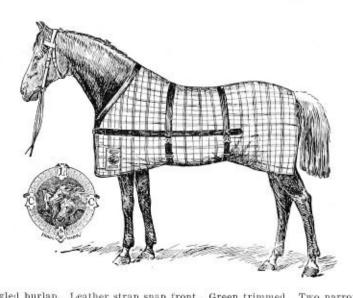


Bedrock.	—72 x 72.	Blue ground, red and green stripes and headings	Each \$	1.40
Vulcan.	—72 x 72.	Gray ground, black, red, white and green headings	**	1.70
Plymouth.	-72 x 72.	Gray ground, seal brown, white and green wide headings	**	2.00
Greylock.	74 x 76.	Iron gray ground, red, green and white headings	**	2.30
Redhorn.	-76 x 80.	Wine ground, red, green and white wide headings	. 11	2-50
Puritan.	80 x 84.	Gray ground, navy blue, red and wine wide body stripes and headings	.11	2.70
Kelton.	80 x 84.	Iron gray ground, green, lemon and brown wide body stripes and headings ,	11	3.00
Sheridan.	-80 x 84.	Wine ground, navy, white and red wide body stripes and headings	44	3.20
Bedouin.	84 x 90.	Gray ground, navy blue, red and green wide body stripes and headings	**	3.20
Woolford.	76 x 80.	Gray wool ground, seal brown, white and black body stripes and headings	66	3.50
Flint.	80 x 84.	Seal brown ground, white, light green, dark green, navy blue and white wide		
		headings	- 41	3.50
Norseman.	-84 x 90.	Light gray and iron gray alternate body stripes, red, yellow, green and wine wide		
		headings	**	3-50
Redfern.	84 x 90.	Plain wine ground, red, black and red mix wide headings	**	3.80
Highlander.	80 x 84.	Red and black fancy checkerboard pattern. Very neat and standard colors	**	4.00
Badger.	80 x 84.	Dark green ground, navy blue, red and white fancy drop-box plaid and headings	- 44	4.50
Wilton.	-84 x 90.	Gray wool ground, seal brown, white and black body stripes and headings	4,6	5.00
Goodwear.	84 x 90.	Extra warp. Gray and black mottled ground, narrow red and black fancy stripes,		
		red, white, black and light green wide headings	**	5.00
Boston Blue	e.—84 x 90.	Dark blue wool ground, red headings	rr.	5.50
Homespun.	-80 x 84	Seal brown ground, tan, white and light green drop-box plaid and headings	. "	5.50
Tearnot.	-84 x 90.	Navy blue ground, red, white, green and black wide body stripes and headings		5.50
Brownfield.	-84 x 90.	Brown wool ground, red, white, light blue, green and white shaded body stripes		
		and headings	**	6.00
Shetland.	-84 x 90.	Black wool ground with red, white and light green fancy blocks, tan, red, white		
		and black headings	44	6.00
Holland 119		Seal ground, olive green, red, dark blue and white plaid	110	6.50
Holland 115		Tan drab ground, vicuna, crimson, green and white plaid		6.50
Agawam.	90 x 96	-Navy blue and drab alternate with narrow light green, white and black body		
~		stripes, light green, red, navy blue and white headings. 10 lbs		7.00
Savoy.	80 x 84.	Tan drab ground, white, light blue, green and dark blue plaid		8.00
Broadway.	—84 x 90.	Double woven heavy weight black and white plaid. 8 lbs		9.00
Artillery.	—84 x 90.	Fine blue mixed wool, red headings. Army pattern. 7 lbs		10.00
Oakdale.	-84 x 90.	Tan drab ground, vicuna, seal, olive brown and white plaid		11.00
Extra Fine.	-84 x 90.	All wool fancy plaids, navy ground, green and red plaid	44	12.00
		"C "		

"STEPLING BRAND FOR QUALITY STANDS"



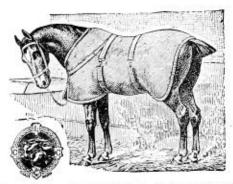
# STABLE BLANKETS



	Heavy mangled burlap. Leather strap snap front. Green trimmed. Two narrow surcingles.		
No.	126.—26 inch neck. 76 inches long	lach	\$ 1.50
No.	128.—28 inch neck. 80 inches long	44	1.60
No.	130.—30 inch neck. 80 inches long	4+	1.60
	Heavy mangled burlap. Leather strap snap front. Half lined. Brown trimmed. Two narrow sure	ingles	
No.	226.—26 inch neck. 76 inches long	Each	2.00
No.	228.—28 inch neck. 80 inches long	**	2.20
No.	230.—30 inch neck. 80 inches long	"	2-20
1	Heavy mangled burlap. Leather strap snap front. Three quarter lined. Blue trimmed. Two narrow su	reing	es.
No.	326.—26 inch neck. 76 inches long	Each	2.40
No.	328.—28 inch neck. 80 inches long	"	2.60
No.	330.—30 inch neck. 80 inches long	16	2.60
	Heavy mangled burlap. Leather strap snap front. Full lined. Red trimmed. Two narrow surcing		
No.	426.—26 inch neck. 76 inches long	Each	2.60
No.	428.—28 inch neck. 80 inches long	6.6	2.80
No.	430.—30 inch neck. 80 inches long	4.4	2.80
	Heavy mangled burlap. Wide front and stay. Red and green plaid lining. Two wide surcingles	3.	
No.	528.—28 inch neck. 80 inches long	Each	3.30
No.	530.—30 inch neck. 80 inches long	44	3.30
	Fancy plaid burlap. Green over plaid. Kersey lined. Two wide surcingles.		
No.	62828 inch neck. 80 inches long	Each	3.20
No.	630.—30 inch neck. 80 inchese long	**	3.20
	Kersey plaid. Green ground, black and dark brown plaid. Bound all around. Two extra wide surch	ngles.	
No.	72828 inch neck, 80 inches long		3.56
No.	730.—30 inch neck. 80 inches long	44	3.50
	Brown duck. Three quarter wool lined. Snap front. Blue trimmed. Two surcingles.		
No.	828.—28 inch neck. 80 inches long	Each	3.00
No.	830.—30 inch neck. 80 inches long	44	3.00
	Brown duck. Full wool lined. Snap front. Blue trimmed. Two surcingles.		
No.	92828 inch neck. 80 inches long	Each	3.20
No.	930.—30 inch neck. 80 inches long	44	3.20
	Heavy brown duck. Full Kersey lined. Wide blue trimmed. Two wide surcingles.		
No.	1028.—28 inch neck. 80 inches long	Each	3.80
	1030.—30 inch neck. 80 inches long	65	3.80
	Baker plaid duck. Full Kersey lined. Snap front. Full trimmed. Two wide surcingles.		
No.	1128.—28 inch neck. 80 inches long	Each	4.00
	1130.—30 inch neck 80 inches long	66	4.0
Lea	der Security76 inches long. Dark blue ground, green check, short stay. Kersey. Two surcingles	Each	2.30
	lison Security 76 in. long. Dark brown ground, light brown and black check, bound all around.		
Press	Kersey. Two wide surcingles	Each	3.20
Rue	her Security.—76 inches long. Excelsior plaid, bound all around. Two wide surcingles		3.50
			0.00
All-	Over.—Pattern 16. 80 inches long. Heavy striped burlap, buckskin Kersey lined. Cable front, leather cingle strap. Two straps—no surcingles to tear off	r sur- Each	4.00
		2000	2.00
	"C-		



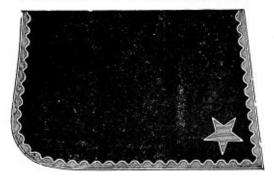
# HORSE SHEETS



Horse sheets. For stable use. Security pattern.

****** **** **** ****	
No. 01.—72 inches long. Extra heavy burlap, mangled, hemmed front	\$ 1.50
Osborne.—72 inches long. Good weight, brown duck, hemmed front Each	2.00
Albion.—72 inches long. White ground, woven blue check Each	2.30
Mayfair.—72 inches long. Blue and yellow plaid twill, full blue trimmed, wide under surcingles. Each	2.70
Doncaster.—72 inches long. Striped netting, open weave, fancy web trimmed Each	3.00
Khaki.—72 inches long. Fine heavy wove twill, Khaki shade, round corner, full bound, wide under surcingles Each	4.00

## SADDLE HOUSINGS





Graduated. Heavy in center and tapers to thin at the edge. Shaped to fit the horse.

No. U.—Gray	COLOL		Each \$	2.50
No. 1.—Dark	blue	color	61	3.00

## HORSE COVERS



No. 601.—Yellow Kid. Made of No. 10 tan duck, paraffine finish. 60 inches wide, 62 inches from hames to tail. Trimmed with housing 20x3 inches, back strap with ring and snap and breast strap. For small horses or mules.......Each 4.0

Above covers are soft and pliable in all weather and will not rip or leak. Can be used single or double.

# WAGON COVERS



Stag Brand waterproof tarpaulins and wagon covers. Made of best high grade duck and trimmed with strictly high grade oak tanned leather. Made up on short notice, any size from 5x8 to 15x24 feet.

No. 10.—Tan wagon covers	Per sq. ft. \$	.16
No. 3 Tan wagon covers	44 47	.14
No. 5White wagon covers	ee eT	.18

# SURCINGLES



No. 3.—Plain Surcingle. 3 inch fancy cotton girth.
1 inch billet. Length over all 7 feet. Per dozen \$ 4.00



# CHASE PLUSH ROBES

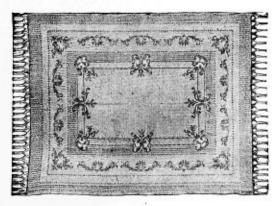


Chase Plush Carriage or Buggy Robes.

Control of the second s	Each \$	
No. 2035.—Plain dark green, double plush, black back, full bound	**	5.00
No. 2040.—Plain green face, double plush. Good quality and weight. Black back	***	5.00
No. 2080. Protector. Plain green plush face of good quality with rubber back. A great storm robe	**	6.00
No. 1035.—Double plush of good quality. Medallion and fancy patterns	11	7.00
No. 1050.—Double plush of good value. Fancy patterns, neat and attractive		8.00
No. 1060.—Double plush of excellent quality and weight. Assorted fancy patterns	**	9.00
No. 1080.—Double plush of excellent quality. Fancy patterns—colors beautifully blended		10.00
No. 1095.—Double plush of high grade. Fancy patterns of neat and attractive designs	**	11.00
No. 2045.—Rubber interlined. Plain green plush, double with a sheet of rubber lining between. Size		
54x72 inches. Wind and waterproof and at the same time neat and plain in appearance		11.00
No. 1105 Double plush of high grade. Beautiful in design and rich in color effect		12.00
No. 1120.—Double plush of extra quality and weight. Fancy patterns with soft color combinations	**	14.00
No. 1135.—Double plush of extra high grade and weight. Size 54x65 inches. Assorted fancy patterns of		
neat design and subdued color effect		16.00
No. 1160.—Double mohair plush of highest grade. An aristocrat among robes. Size 54x65 inches. Neat		
pattern and softly shaded colors	**	24.00

Chase Robe patterns and designs change more or less every season. Our line will be found to always contain the most up-to-date patterns and with color combinations to suit the general trade. Depend upon getting good value for the money.

# LAP DUSTERS

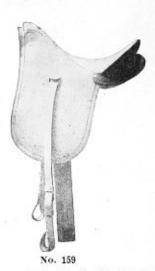


No. 302 Momie, Jacquard diamond center, all around fancy border. Knotted fringe, Olive shade	Each \$	1.00
No. 316. —Momie. Jacquard oval center, all around border. Knitted fringe. Olive and white	47	1.50
No. 40 Embroidered Momie. Brown and white ground, embroidery, shaded rose. Branch outlined		
in green	**	2.00
No. 418. —Plain linen, hemstitched	**	2.40
No. 4528C Heavy woven plain whipcord, fine quality. Tan shade Carriage size, 60 inches	**	1.80
No. 4528A.—Heavy woven plain whipcord, fine quality. Tan shade. Auto size, 72 inches	6.4	2.50
No. 461C Extra heavy whipcord. Made up with square corners and two rows of tan stitching. Tan		
shade. Carriage size, 62 inches	44	4.00
No. 461A Extra heavy whipcord. Made up with square corners and two rows of tan stitching. Tan		
shade. Auto size, 72 inches.	- 64	4.50

# RIDING SADDLES







No. 114.—Somerset. Round leather skirt with solid Kip seat. Full bound. Cotton girth. Wood stirrups. Each \$ 6.00

No. 150.—Kilgore. Russet or red leather with solid seat. Full pad. Cotton girth. Wood stirrups ...... "7.50

No. 159.—Kilgore. Russet leather with solid Kip seat. Large skirts. Full pad. Cotton girth. Wood stirrups "9.75







# **SPURS**





No. 62. —XC Plate Made of heavy steel. W out straps Per single do		2.40
No. 10Solid brass. Without straps "	64	4.00
No. 10C.—Solid brass. Complete with straps.  Per single dozen		9.00

# STIRRUPS





STERLING BRAND FOR QUALITY STANDS

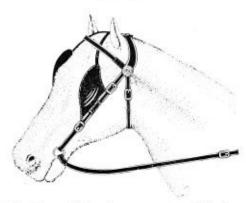


## BRIDLES

#### RIDING

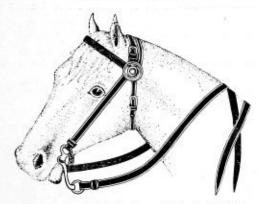


#### MINE



No. 100.—Pigeon Wing team or mine. 1 inch. Solid crown, flat stays and reins. Wrought iron bits. Pigeon wing blinds and metal rosettes. . . . . . . . . . . . . . Per dozen \$ 24.75

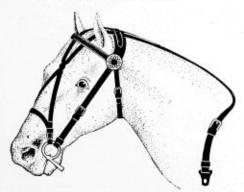
#### TEXAS RIDING



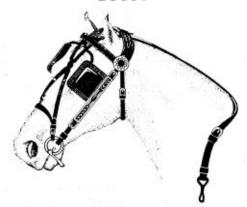
#### BUGGY



#### TEXAS RIDING



#### BUGGY

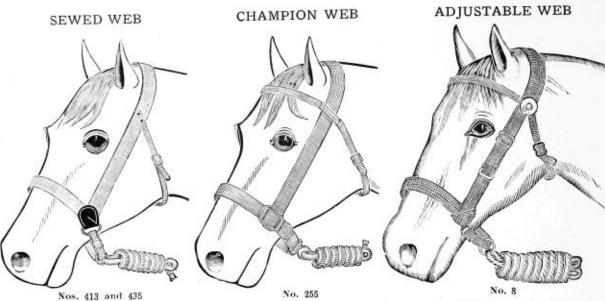


No. 251/2.—Buggy. 5% inch box-loop cheeks, round stays and reins or flat overcheck. Patent leather grain lined blinds, all leather fronts and metal rosettes. Rubber trimmed. Per doz. \$40.50

"STERLING BRAIND FOR QUALITY STAINDS"

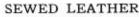


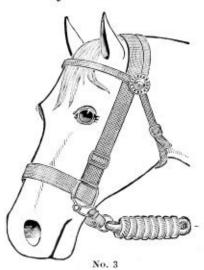
# HALTERS CHAMPION WEB



ADJUSTABLE WEB

# One-half dozen in a bundle. RIVETED LEATHER









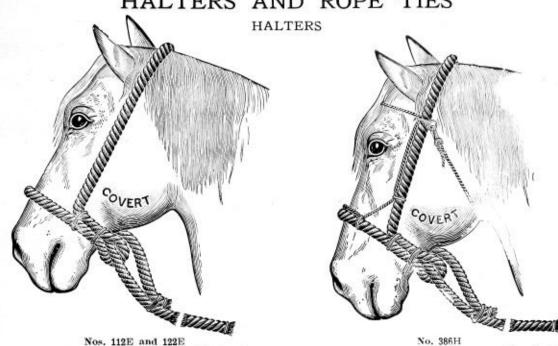
No. 615.—1½ inch. Black harness leather. Extra heavy. Hand sewed with double and stitched cheek. 5 rings. An extra heavy and well made halter throughout. Without Tie ....................... Per dozen 27.00

One-half dozen in a bundle.

For Ties suitable for Leather Halters see page 824; for Chains see page 825.

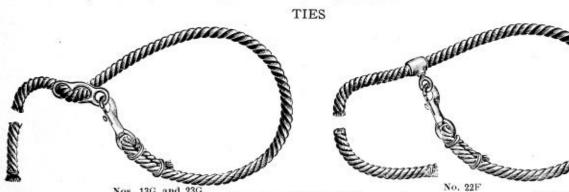


# HALTERS AND ROPE TIES



latch, brow band, and nose support. Metal spliced .....

#### TIES

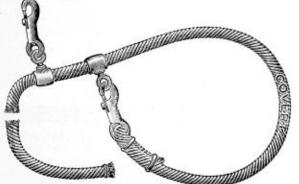


No. 13G and 23G

No. 13G.—½ inch Jute rope. With snap and adjuster. Length 8 feet

No. 23G.—½ inch selected long fibre Sisal rope. With snap and adjuster. Length 8 feet

No. 22F.—½ inch selected long fibre Sisal rope. With snap and thimble. Length 8½ feet .... Per dozen \$ 1.60 1.80 2.40





No. 186

No. 1/8 inch 4 strand selected long fibre pure Manila lariat rope. With two snaps and two thimbles-ex-No. tra heavy trimmings. Length 11 feet.

Black Beauty. % inch black braided cord. With one snap and adjuster. Length 10 feet. Per dozen 8.00 A popular No. 186. 4.00 hitching cord and livery tie .....

One dozen in a bundle. STERUNG BRAND FOR QUALITY STANDS"



## STRAPS AND HOLDERS

#### HITCHING STRAPS

-	Harness leather. Well finished. Snap, riveted on.			
Width, inches		1 3⁄4 -50	2 % 6-50	3 1 8.00
The Control of the Co		Carry Comme	******	
	Harness leather. Well finished. With buckle.	01	02	03



No. 10 .- Web hitching straps. Made of heavy tan webbing, 1 inch in width and 7 feet long. Complete with flat spring snap. Per dozen \$ 4.00 One dozen in a bundle.

#### HAME STRAPS



Hame straps, sewed. Black leather. No. 22.— % x22 in. For buggy harness. Per dozen \$ 2.20 No. 022.—1 x22 in. For team harness "3.50 3.50 No. 220.—11/4x22 in. For team harness 5.00 One dozen in a bundle.

#### HAME STRINGS



No. 54.—%x54 inches. Rawhide ..... Per dozen \$ 2.00 No. 60.—%x60 inches. Black leather .... 2.70 One dozen in a bundle.

#### REIN SUPPORTERS



No. 150.—Read's Rein Supporters. Easily and quickly attached to hip strap of harness. Imitation rubber. On display card. Per dozen pairs ...... \$ 3.00

#### BREAST STRAPS



No. 2.—Breast straps. 11/2 inch. No slides or snaps. Per pair ..... \$ 2.70

## CHOKE STRAPS



No. 70.—Choke straps. 11/2 inch. With buckle and ring ...... Per pair \$ 2.70

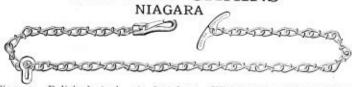
#### SINGLE BUGGY LINES

WAGON TEAM LINES

	THE RESERVE THE PROPERTY OF THE PARTY OF THE	
No. 118.—1 inch wide, 18 fee No. 120.—1 inch wide, 20 fee No. 020.—11/8 inch wide, 20 fee	Wagon Team or Check Lines. With buckle ends.	Per pair \$ 7.00 7.50 8.50



# HALTER CHAINS



Magara. Po	olished steel.	41/2 feet long.	With	T bar, swiv	el and snap	D.		
Nos	N6 N5	N4	N3	N2	N1	N0	N2-0	N3-0
Per dozen \$ 1	.65 1.70	1.75	1.85	2.05	2.30	2.65	3.00	3.50
Niagara. P	olished steel.	6 feet long.	With T	bar, swivel.	and snap.		25220	1000
Nos					N76	N66	N46	N26
Per dozen			war and a second and		2.10	2.15	2.35	2.70
		One dezen in a	hox					

#### AMERICAN



	American.	romsned	steer.	472 reet four	E. 48 14 11	T nuri ant	tor comme	range Fr.		
Nos	6	5	4	3	2	1	0	2-0	3-0	4-0
Per dozen	\$ 1.65	1.70	1.75	1.85	2.05	2.30	2.65	3.00	3.50	4.25
	American.	Polished	steel.	6 feet long.	With T	bar, swivel	and sr	nap.		
Nos						. 86	76	66	46	26
Per dozen						S 2.10	2.10	2.15	2.35	2.70
				as dozen in s		2.52.5				

GERMAN



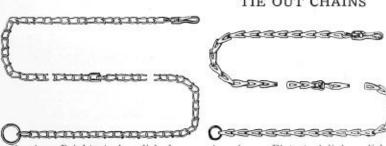
	German.	Bright	steel. 41/2	reet tons	. WILL	I Dar, swiv	er and snap			
Nos.	G6	G5	G4	G3	G2	G1	G0	G2-0	G3-0	G4-0
Per dozen	8 4.20	4.20	4.30	4.50			5.80	6.80	7-80	9.00
	Nos. (	G6 to G1	one dozen:	others	one-half	dozen in a	package.			

German. Bright steel. 6 feet long. With T bar, swivel and snap. Per dozen \$ 5.60 No. G66 .- Length 6 feet. One dozen in a package ...



Ohio pattern. Straight link. Electric welded. 2 Eureka. New link. Bright steel. 2 toggles. Length toggles, swivel and rings. Length 5 feet. 41/4 feet. Nos. E2 0 E3/0 3/0 4/0 Nos. 2/0 2.50 Per dozen ...... \$ 2.00 Per dozen .....\$ 3.00 3.50 4.00

TIE OUT CHAINS



Bright steel, polished. No. 120.—Size No. 1, length 20 feet . ... Per dozen \$ -Size No. 1, length 30 10.00 feet .....Per dozen

American. Flat steel link, polished. No. 201 .- Size No. 1, length 20 feet .....Per dozen \$ 11.00 Size No. 1, length 30

5-05-0 Twist link. Rust proof finish. No. 203 .- Size No. 3/0. Length 20 feet ... Per dozen \$ 13.00 Size No. 3/0. Length 30 feet...Per dozen 17.00

feet .....Per dozen 15.00 All tie-out chains made with snap on one end, ring on othe r end, swivel in center. One-twelfth dozen in a carton.

STERUNG BRAND FOR QUALITY STANDS

## BUGGY WHIPS

- Black Java stock. Solid wood butt. Black woven thread cover. Coach finish. Globe round No. 80. - Marvel.
- 90 .- Marvel. Black Java stock. Solid wood butt. Black woven thread cover. Coach finish. Globe round No. 1.80

No. 125 .- Nagol. Singapore Reed stock. Solid wood butt. Plaited woven thread cover. Ivory fine finish. Black. wine and imitation Gut colors, assorted in each ¼ dozen package. 5% inch plain nickel head and 11% 

No. 150 .- Major. Singapore Reed stock. Wood butt. Heavily loaded. Black plaited woven thread cover. Ivory waterproof finish. 1 inch combination head button and cap and 1 inch chased button. Duck lin-

# PENN



No. 175.—Penn. Singapore Reed stock. Loaded wood butt. Plaited woven thread cover. Ivory fine finish. Black, wine and green colors assorted in each ¼ dozen package. Two combination buttons. Length 6 feet ..... ...... Per dozen \$ 3.50

# # FLORENCE

Floreuce. Java stock. Black plaited thread cover. Ivory fine finish. Rubber cap. Three chased Waterproof. Boston snap. Length 6 feet ..... white buttons. ..... Per dozen \$ 4.00



No. 201 .- Clipper. Heavy stock Java. Loaded. Ivory finish. Two 11/2 inch chased buttons. Black, wine and green colors assorted in each 1/4 dozen package. Boston snap. Length 6 feet .................. Per dozen \$ 4.00

# HUTTON

No. 202 .- Hutton. Black Java stock. Russett leather sewed handle. Rubber cap. Two combination buttons. Boston snap. Waterproof finish. Length 6 feet. . . . . . . . . . . . . . . . . . Per dozen \$ 4.00

# PURITAN

No. 225 .- Puritan. Combination of steel and reed stock. Black plaited through. Ivory finish. Two chased buttons. Boston spap. Length 6 feet ....... Per dozen \$ 4.50

No. 226.—Fort Pitt. Java stock Eel-skin lined. Black color. Ivory finish. Rubber cap. Two Philadelphia but-

# ORION

No. 227.—Orion. Special Rawhide. Black color, fine finish. Two 12 ring combination buttons. Rubber cap. 

All whips one-fourth dozen in a bundle.

9.00



## BUGGY WHIPS

# SPEEDWELL 3

No. 400.—Speedwell. Rawhide from butt to tip, sticking through cap. Loaded butt. Black weven plaited cover entire length. Steel cap. Two combination buttons. Beston snap Length 6 feet. Per dozen \$ 8.00

# 

No. 401.—Duquesne. Rawhide entire length, sticking through cap. Heavy four plaited cover entire length.

Black color. Ivory finish. Two combination buttons. Boston snap. Length 6 feet ....... Per dozen \$ 8.00

# GUARANTEE (B)



# STERLING STERLING

# SCHENLEY (1)

# STERLING SPECIAL ( )

No 800.—Sterling Special. India Rawhide center from butt through cap. Black color. Double cover and wire lined. Hand stitched buttens. Reinforced linen loop. Extra quality Rawhide from snap through cap. A strictly high grade whip.

# HIGHLAND ( )

# SUPERBA (B)

# NEVILLE ® INTERPRETATION

Neville. Black whalebone to handle. Japanned rubber cushion cap. Two Philadelphia handmade buttons. Metallic lined. Half silk English snap.

No. 1350.—Neville. Length 6 feet Per dozen \$ 27.00 No. 1500.—Neville. Length 6½ feet 30.00

All whips one-fourth dozen in a bundle.

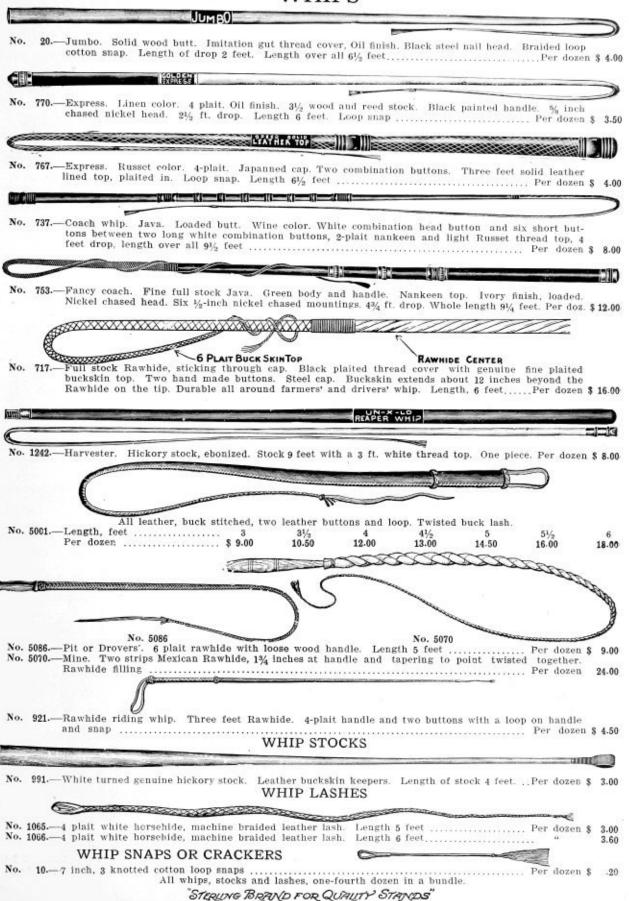
# WHIP ASSORTMENTS

No. 39 WHIP ASSORTMENT

E C C C C C C C C C C C C C C C C C C C
A Company of the Comp
PURITAN SELEN
No. 80.—Marvel. 12 whips. Black Java stock. Length 5½ feet. Solid wood butt. Black woven thread cover.  Coach finish. Globe round end. Waterproof. Boston snap. Retails at 10 cents.  No. 125.—Nagol. 12 whips. Singapore Reed stock. Length 6 feet. Solid wood butt. Plaited woven thread
cover. Ivory fine finish. Black, wine and imitation Gut colors, assorted, in each ¼ dozen package.  % inch plain nickel head and 1½ inch plain nickel ferrule. Boston snap. Retails at 15 cents
finish. Two chased buttons. Boston snap. Retails at 35 cents
No. 39 Assortment Cost to you Net 4.50 Profit to you \$ 3.60  No. 60 WHIP ASSORTMENT
CLIPPER DE CLIPPER
State of the state
SPEEDWELL 3
No. 80.—Marvel. 12 whips. Black Java stock. Length 5½ feet. Solid wood butt. Black woven thread cover. Coach finish. Globe round end. Waterproof. Boston snap. Retails at 10 cents.  No. 125.—Nagol. 12 whips. Singapore Reed stock. Length 6 feet. Solid wood butt. Plaited woven thread cover. I wow fine finish. Plaited black with Plaited woven thread.
cover. Ivory fine finish. Black, wine and imitation Gut colors, assorted in each ¼ dozen package. 5% inch plain nickel head and 1½ inch plain nickel ferrule. Boston snap. Retails at 15 cents.  No. 201.—Clipper. 12 whips. Heavy stock Java. Loaded. Length 6 feet. Ivory finish. Two, 1½ inch chased buttons. Black, wine and green assorted colors in each ¼ doz. Boston snap. Retails at 25 cents.  No. 226.—Fort Pitt. 12 whips. Java stock, Eel-skin lined. Length 6 feet. Black color. Ivory finish. Two chased buttons. Boston snap. Retails at 35 cents  No. 400.—Speedwell. 6 whips. Rawhide from butt to tip, sticking through cap. Length 6 feet. Loaded butt.
No. 451.—Crescent. 6 whips. Combination of Rawhide and Laminated steel stock from butt to tip. Length 6 feet. Black plaited thread cover. Ivory waterproof fine finish. Black steel cap. Three 6 stitch black thread buttons. Lined top and waterproof. Boston snap. Retails at 50 cents
No. 60 Assortment Cest to you Net 10.00  Profit to you \$ 6.20  Sterung Brand for Quarty Stances"



### WHIPS





# SHAFT ENDS



Steel Shaft Ends. Double tube. For repairing broken shafts. Neatly Japanned with nickel shaft tip. Easy to put on and being reversible can be used either right or left. Consists of two thick steel tubes, the inner one

having a hickory filler. Length 28 inches.

No. 1.—Buggy size. Diameter 1% in. Per dozen \$ 6.00

No. 2.—Express size. Diameter 1¼ in. "8.00

Two dozen in a case.

# WAGON UMBRELLAS



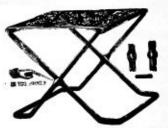
No. 8.—Heavy drill or duck, having eight ribs of Number 7 steel wire. About 40 inches in diameter, even sections. 11/2 inch pole, metal pockets, steel runners and notches. Solid colors, assorted shades. Well put together, strong and durable ..... Each \$ 3.00 One in a package.

# CRUPPERS



No. 1 .- Folded crupper docks. For mine or team harness. 1 inch Japanned ..... Per dozen \$ 6.00

# THIRD SEATS



No. 100 .- Improved steel third seat. Finished in black enamel and covered with Brussels Carpet. With reinforced joint which doubles the life of the seat and renders it practically indestructible ..... Each \$ 2.00

# WHIP SOCKETS AND RACKS



No. 471/2.- Japanned whip sockets Per dozen \$ 1.80 One-half dozen in a box.



No. 0 .- Japanned whip rack round. Each ..... \$ 1.50



No. 64.—Japanned whip sockets. Per dozen \$ 2.40 One-half dozen in a box.



## HARNESS LEATHER

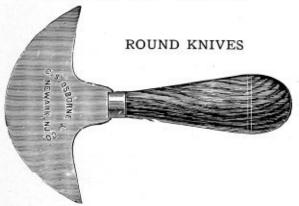
STERLING



High grade oak tanned harness leather. Made from the best packer steer hides. Guaranteed to be absolutely free from any adulterant. Smooth and plump. Sterling.—In sides weighing from 16 to 25 pounds.

Per pound ...... \$ ...
Ten sides in a roll.

## HARNESS TOOLS



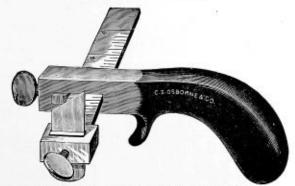
Each

#### CAP KNIVES



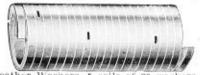
No. 79.—Cap knives. Round handles ...... Each \$ .50 No. 76.—Square point knives. Round handles " .50

#### DRAW GAUGES



No. 51½.—Patent hollow handle draw gauge. Graduated bar. Thumb screw adjustment. Japanned handle ...... Each § 2.30

## LEATHER WASHERS



Coil Leather Washers. 5 coils of 20 washers each (100) in a box.

Per box \$ 40 40 40

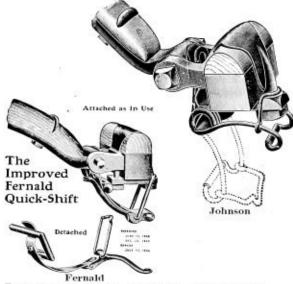
Machine Pressed Weara Best Weara Best One set in a box.

Nut and collar, Solid leather washers. One set in a box 8 sets in a carton.

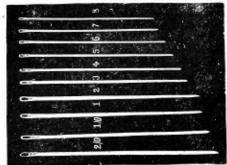
8 sets in a carton.

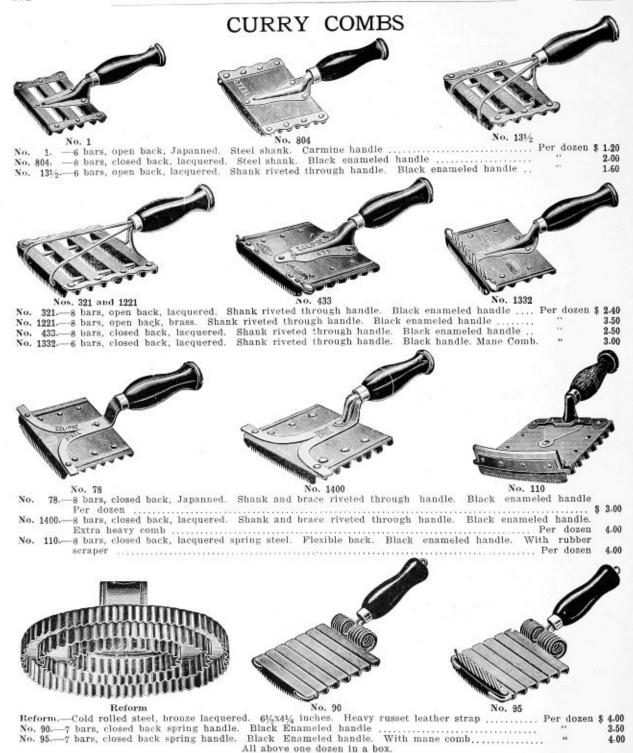
1nch ... 3/4 7/8 1 11/8
Per carton ... \$ .40 .50 .60 .70

# ANTI RATTLERS



#### HARNESS NEEDLES AND AWLS





#### HORSE CARDS





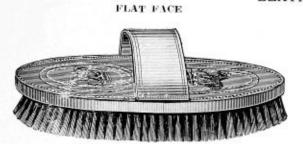
HARD RUBBER MANE COMBS

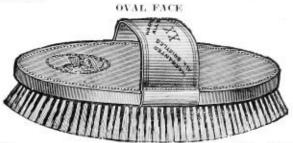
STERUNG BRAND FOR QUALITY STANDS"



# HORSE BRUSHES

LEATHER BACK





No. 86.—White Tampico outside, mixed gray center. Flat face	Per d	lozen \$ 4.00
No. 101.—Black bristle outside, mixed gray Tampico center. Flat face		8.00
No. 767 White bristle outside, selected dark Tampico center. Flat face		10.00
No. 203.—White bristle outside, mixed gray center, very full. Oval face		12.00
No. 65 Black bristle outside, red mixed center, extra quality. Very full. 0	val face	14.00
No. 1450.—All black bristle, stiff stock and well filled. Flat face		16.00
No. 227.—Black bristle outside, Western bristle center, very full. Flat face		18.00
No. 380.—All black bristle, selected stock, well filled. Oval face		21.00
No. 417.—All black bristle, selected stock, well filled. Oval face		24.00
No. 233.—All black bristle, extra quality, long stock, very full. Oval face		32.00
No. 709.—All gray bristle, stiff stock, cut long, extra full. Oval face		40.00
No. 1116 All white bristle. Extra high grade, cut long, and very full. Oval f		54.00

One-half dozen in a box.

#### WOOD BACK



Nos. 250, 720 and 130



Nos. 520SL and 400

No.	250.	—Solid back. Polished block 10 inches long. Stiff selected India fibre. A durable brush at a popular price	3-00
No.	720.	-Solid back. Highly polished block 10 inches long. Stiff selected Enjabeco or Union stock. A very full and durable brush and one of the most popular on the market	
No.	130-	-Solid back. Highly polished block 10 inches long. Extra grade Rice Root stock. A stiff brush that will not clog—hence is popular with the horsemen	4.50
No.	520SL.	— Solid back. Highly polished block 10 inches long. With side leathers. Fine grade of selected Rice Root. A very good brush	6.00
No.	400.	—Solid back. Highly polished block 10½ inches long. With embossed leather side protectors. Made of extra quality Rice Root trimmed 2 inches and with convex face. An extra large, full and well finished brush	8-00



Nos. 500, 450, 519 and 528



Handy



No. 170

No. 500.—Solid back. Highly polished wood block. With leather strap. Stiff selected India fibre Per dozen \$	3.50
No. 450.—Solid back. Highly polished wood block. With leather strap. Extra grade Rice Root "	4.00
No. 519.—Solid back. Highly polished wood block. With leather strap. Stiff selected Enjabeco or Union stock.  A very full brush made of stock that will not break, durable and possessing good wearing qualities.  Extra heavy black leather strap. Smooth rounded block that fits the hand—altogether this brush is	
the best value for the money on the market Per dozen	4.50
No. 528.—Solid back. Highly polished wood block. With leather strap. Extra grade pure Palmetto, cut very long. An extra good brush	4.50
Handy.—Solid back. Varnished hardwood block, 7 inches long. With strap. Extra grade Palmetto stock. Always a popular brush	3.00
No. 170.—Wood back, varnished. Length 91/2 inches. Made of fine tempered steel wire. Will not irritate the	14.0

## HARNESS SNAPS



Flat spring.	Extra	wide loop.	XC Plate.	
No. 70, inches Box contains, gross	5/8 1/	3/4	7/s	1
Per gross	\$ 4.80	5.00	5.20	5.50
No. 70, inches Box contains gross	11/4	11/2	13/4	2
Per gross	\$ 9.00	10.00	11.00	13.00

Flat spring. Extra wide loop. Imitation rubber.

				5577.6
No. 70IR, inches	5/9	3/4	7/6	1
Box contains, gross	1/2	1/2	1/2	1/0
Per gross	\$ 4.80	5.00	5-20	5.50
No. 70IR, inches	11/4	11/6	13/4	2
Box contains gross	1/4	1/4	1/4	1/2
Per gross	\$ 9.00	10.00	11.00	13.00



Aluminized steel	spring.	Wide loop.	XC	Plate.
No. 34, inches Box contains, gross	1/4	3/4 1/2	7/8 1/2	1
Per gross		6.00	6.00	6.00
No. 34, inches Box contains, gross Per gross	1/4	$\frac{11/2}{1/4}$ 10.50	13/4	2 1/4
	\$ 5.00	10.30	12.00	14.00



Covered spring. Bolt pattern. Loop. XC Plate.

No. 20, inches .... 1 1½ 1½ 1½ 1¾ 2

Box contains, gross ½ ½ ½ ½ ½ ½ ½

Per gross ...... \$ 6.00 9.00 10.00 11.00 12.0



No. 41.—Trigger. 1 in. loop eye. Lever spring. XC Plate. One-half gross in a box . . . . . . Per gross \$ 10.00





No. 19.—% inch round eye. Covered spring. Bolt pattern. XC plate. One-half gross in a box . . . . . . . . . . . . Per gross \$ 6.50



No. 38.—1/2 inch round eye. Heavy trace or chain pattern. XC plate, One-third gross in a box . . . . . . Per gross \$ 16.00





No. 48.—½ inch open eye. Heavy trace or breast snap. XC plate. One-third gross in a box ...... Per gross \$ 15.00





1.20



# SNAPS, BUCKLES AND RINGS

ROLLER BREAST SNAPS

HARNESS BUCKLES

LOOP ROLLER







Nos, 150 and 250

Janapped No. 154

Barrel Roller Harness Buckles. Malleable iron. Japanned. ross 2 1 1 7/8 1 1 1 No. 50, Inches 11/4 11/2 2 21/2 3 
 Box contains, gross
 2
 1
 1

 Per gross
 \$ 1.30
 1.40
 1.60
 1.80 2.00 3.00 3.50 5.00 7.00 9.00 Loop Roller Harness Buckles. Malleable iron. Japanned. 11/2 6.00 1 1 Box contains, gross ..... 2.40 3.00 3.50 \$ 2.00 4.00 7.00 Malleable Iron. Japanned. No. 154, Inches
Box contains, gross 3/4 1/2 11/3 5/8 \$ 4.00 7.00 9.00 Per gross .....



HARNESS AND BREECHING RINGS

Zylonite Martingale Rings. White. 00 0 1 2 3 1½ 1¾ 1½ 1½ 1½ 7 11/8 Inches ..... 21/4 2.50 2.75 2.00 3.00 3.50 5.50 Per dozen ...... \$ 1.60 1.80 Two dozen in a box. Duranoid Rings. Solid colors, red, white or blue. 5

SLIDE LOOPS



 Celluloid
 harness
 slide

 loops.
 White.
 3

 Nos.
 2
 3

 Inches
 5%
 3/4

 Per gross
 \$ 5.00
 6.00

 One gross in a box.



 Celluloid trimmed rein spreaders. Complete and ready to snap on harness. White trimmings.

 No. A2.— 8 inches long.
 Red strap
 Each \$ 1.00

 No. A3.—12 inches long.
 Black strap
 1.20

 No. A4.—12 inches long.
 Red strap
 " 1.50

 No. C1.—14 inches long.
 Black strap
 " 1.70

 No. C2.—14 inches long.
 Red strap
 " 1.80

"STERUNG BRAND FOR QUALITY STANDS"

# BRIDLE BITS









#### HALF CHEEK SNAFFLE

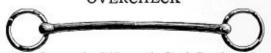




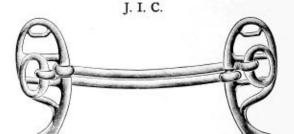


RUBBER MOUTH SNAFFLE

#### OVERCHECK

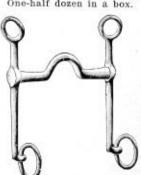


No. 827.—Japanned. Stiff mouth. Steel. Per dozen \$ .80 One dozen in a box.



#### PORT

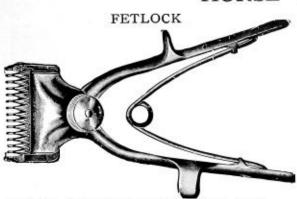




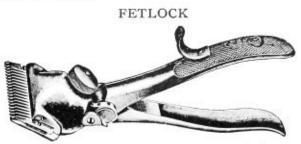
No. 642.—XC Plate. Two rings. Port. Per dozen \$ 3.00 One-half dozen in a box.



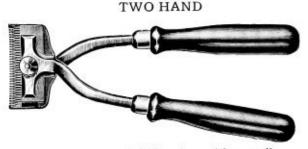
# HORSE CLIPPERS

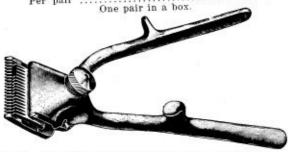


Suburban.—Nickel plated, strong spring. Well adapted to cut animal hair ....... Per pair \$ 1.50 One pair in a box.



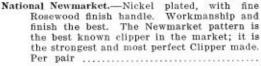


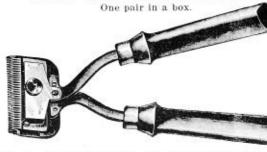




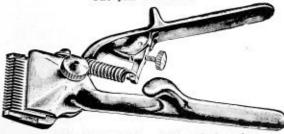
Ideal.—Full nickel plated, dog or fetlock clipper, fitted with concealed three-coil music wire springs, ball bearing, easy working. Per pair \$ 2.50 One pair in a box.







X. L.—Full nickel plated. In simplicity of construction and mechanical perfection is the best. Ball bearing, working parts simple and perfect, enameled oval handles .... Per pair \$ 3.00



One pair in a box.

For Power Clipping and Shearing Machines see pages 300 and 301.

# AXLE GREASE, OILS ETC.



Four Brothers. Clean, pure and does not run. Works equally well on heavy trucks or buggles.

No. 1. —1 b. boxes. 4 dozen in a case. Per case \$ 6.00 No. 3½.—3½ b. pails. 2 dozen in a case " 9.00







Mica. Leaves no gum or paste on the spindles.

No.	1451 1	Ib.	cans.	3	dozen	in	a	case.	Per	case	\$ 4.50
No.	1452 1	Tb.	cans.	4	dozen	in	a	case		11	6.00
No.	1455 3	lb.	cans.	1	dozen	in	a	case		**	4.00
No.	1456 3	Ib.	cans.	2	dozen	in	a	case		46	8.00
No.	1460 10	Ib.	pails						Per	dozen	13.00
No.	146115	Ib.	pails							**	17.00
No.	1462 25	Ib.	pails	- 3							24.50





No. 1

Nos. 2 and 3

Miller's Harness Soap. For cleaning, softening and blacking harness, carriage tops, etc. Will not soil the hands or gloves.

No. 13/4	pound	cakes	Per dozen	\$ 2.70
No. 2.— 1	pound	boxes	16	4.00
No. 3.— 2	pound	boxes	**	8.00
		One dozen in a box.		





Miller's Harness Oil. A superior article for softening and preserving leather.

No. 11	pint cans	Per dozen	\$ 6.00
No. 2.—1	quart cans	**	9.00
	One dozen in a box.		

Miller's Harness Dressing. Gives a beautiful finish and will not peel, crack or smut.

No. 01/2 pint cans	Per dozen	\$ 3.50
No. 1.— 1 pint cans	**	5.00
No. 2 1 quart cans		9.00
One dozen in a box.		





Nos. 635 and 634

No see

Eureka Harness Oil. Preserves the leather, free from acid and will not become rancid.

No. 635.—1 pt. cans. One doz. in a case. Per case \$ 3.00 No. 634.—1 qt. cans. One doz. in a case " 5.00 Compound Neatsfoot Harness Oil. A light colored oil for leather.

No. 660.-1 qt. cans. One doz. in a case. Per case \$ 6.00





Nos. 683 and 681

No. 741

Boston Coach Axle Oil. For use on carriages, buggies and cabs.

No. 683.—1 pt. cans. One doz. in a case Per case \$ 4.00 No. 681.—1 qt. cans. One doz. in a case " 6.00 Standard Hoof Oil. Prevents cracking and keeps the hoof in a healthy and perfect condition.

No. 741.-1 qt. cans. One doz. in a case Per case \$ 4.80



So-Bos-So. 1 gallon cans. Liquid preparation protecting cattle and horses from the torture of flies. Used with splendid results as a disinfectant and germicide. Requires only a few moments to spray a herd of 30 to 50 cows.

No. 750.—1 gal. cans. One doz. in a case. Per dozen \$15.00 For Sprayers to apply above, see page 322.



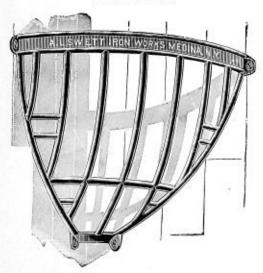
# CORNER MANGERS



No. 1.—Corner manger or feed box. Cast iron.
Japanned. Dimensions, 17x17 inches and
10 inches deep. With patent food guard.
Each

# CORNER HAY RACKS

CAST IRON



No. 1.—Corner Hay Rack. Cast iron. Japanned. Height over all 28 inches and projects from corner 22 inches . . . . . . . Each \$ 2.50

#### WROUGHT IRON



No. 11.—Corner Hay Rack. Wrought iron, channel frame. ½ inch round bars, extra strong. Japanned. Height over all, 34 inches. Projects from the corner 24 inches. Each

# HITCHING WEIGHTS



# FEED BAGS

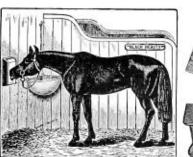


Per dozen

No. 15.—All leather. With ventilator. Extra high
grade and very durable . . . . Per dozen

No. 10.—Wire screen bag. Humane . . "

SALT BRICKS AND FEEDERS





36.00 24.00

Compressed salt bricks for horses and cattle. Insures the stock getting the correct quantity of salt and at



# SLEIGH BELLS

BODY STRAPS





	1
1 W W W W W W W W W W W W W W W W W W W	
	1
Style of Bell No. 5	

4	Style of Arctic Be			Style of Bell No. 578.
No.	788.—Body strap.	24-11/4 inch rolled nickel plate	d double throat Arctic bells	Per strap \$ 2.50
No.	793Body strap.	24-11/4 inch rolled nickel plate	d double throat Arctic bells	
No.	794. Body strap.	30-11/4 inch rolled nickel plate	d double throat Arctic bells	
No	1201. Body strap.	42-11/4 inch rolled nickel plate	d double throat Arctic bells	4.00
No.	578. Body strap.	36-14 inch extra smooth cast	bell metal bells, silver white	finish " 6.00

4.50



No. 1602.—Body strap. 25 rolled nickel plated double throat Arctic bells, assorted sizes; 8 each 11/8, 11/4 and 13/8 inches and 1 only 11/3 inch. Per strap

Per strap

No. 1748.—Body strap. 37 wrought bell metal double throat Arctic bells, nickel plated. Assorted sizes; 8 each 1½, 1½, 1½; 6 each 1½ and 1½ and 1 only 1¾. Per strap



No. 059.—Body strap. 19 cast bell metal polished rim bells assorted sizes from number 2 to number 3. Wire fastened on heavy Russet harness leather and lined with grain leather. Per strap \$ 4.00

#### MARTINGALE STRAPS



No. 794M.—Martingale strap. 30—11/4 inch rolled nickel plated double throat Arctic bells. Per strap......\$ 3.50

#### DEXTER BELLS WITH CHIMES



No. 616S.—Dexter bells. Body strap with chime attachments. 30 bell metal silver white finish bells, with 3 bell chimes. Riveted on polished black harness leather strap . . . . . Per strap \$ 4.50

# SHAFT CHIMES

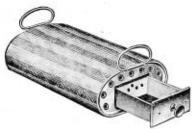




Sleigh bells, one strap in a box; Shaft chimes, one pair in a box.



# CLARK CARRIAGE HEATERS AND COAL



No. 5B.—Clark Heater. 12 inches long, and weighs but 4 pounds. Covered with fine Brussels carpet. Is light and handy, yet very durable and sightly. Heats quickly though with a mild and comfortable temperature. Is extensively used by mail carriers and milkmen .... Each \$ 2.50

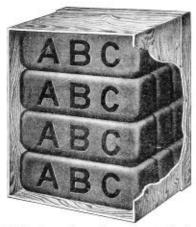




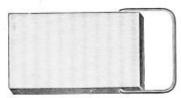
No. 7D.—Clark Heater. 14 inches long and weighs 9 pounds. Cold drawn steel ends, heavily nickel plated and covered with superior Brussels carpet. A well known and popular style, having flat, slanting top and both side and end ventilators. Owing to this construction, it can be adjusted to throw out as much or as little heat as may be desired ...... Each \$ 4.00







# FOOT WARMERS



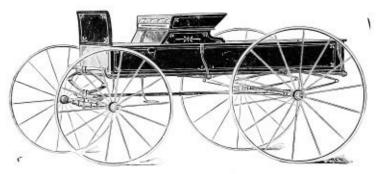
Soapstone foot warmers. Selected stock and smooth finish. Furnished with wire bail or handre. Retains the heat a long time.

#### DIRECTIONS FOR USING CLARK HEATERS

Place a piece of Clark coal in a brisk fire until it has become red throughout. Then take it out and leave it for a few seconds until the little flame which appears, has died away. Afterwards place it in the sheet metal box or drawer and insert same in the heater. Coal can be extinguished with water and used again until entirely consumed; or, in our adjustable draft heaters, by simply closing off the drafts. It can then be relighted and used until entirely consumed. One third of a cake is sufficient for an ordinary drive.



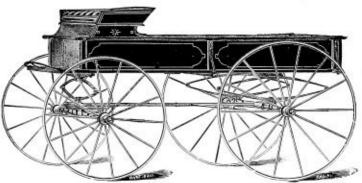
# DELIVERY WAGONS



#### No. 641/2. BERRY WAGON

Body. 6 feet, 6 inches long, 3 feet, 3 inches wide; wood dash. Hung on three springs. 1½ axles. Also made with or without dash, and with toe board and hung on Duplex or tri-springs. A light, serviceable wagon, suitable for hauling produce to the market. Capacity, 500 to 700 pounds. Weight 475 pounds; crated for shipment, 550 pounds.

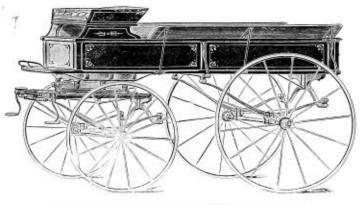
Each ...... \$ 60.00



#### No. 64. OPEN DELIVERY WAGON

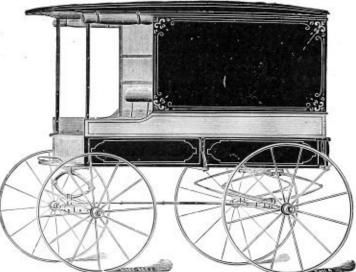
Body, 7 feet by 3 feet, 6 inches, by 11 inches outside. High front wheels, 36 inches from ground to sill. Low front wheels, 34 inches from ground to sill. Capacity, 800 to 1,000 pounds. Weight, 475 pounds; crated for shipment, 600 pounds.

Three elliptic springs, 1½ in. gear. Ea. \$72.00 Three elliptic springs. 1½ in. gear ... 80.00 Full platform gear. 1½ in. gear ... 84.00 Full platform gear. 1¼ in. gear ... 90.00



#### No. 66. OPEN DELIVERY WAGON

1½-inch axles; 1½-inch tread wheels; full platform springs, 1½x5 ply or 1¾x5x36 inches, front and platform rear. A strong, serviceable wagon. Body, 7 feet long, 3 feet, 6 inches wide or 7 feet, 6 inches long, 4 feet wide outside, 38 inches from ground to sill. Capacity, 1,000 to 1,500 pounds. Weight, 900 lbs.; crated for shipment, 1,100 pounds.



#### No. 60. EXPRESS WAGON

Body, 7 feet long, 3 feet, 6 inches wide outside; 1½-inch axles, 1½-inch tread wheels, front spring, 1½-inch by 5-ply, back springs, 1½-inch by 4-ply. Hung on three elliptic springs, or one elliptic front and platform back, or full platform springs. Curtain or panel top. Made with square top only, 38 inches from ground on low front wheels; 36 inches from ground on high front wheels. Capacity, 800 to 1,000 pounds. Weight, 600 lbs.; crated for shipment, 800 pounds.

 Panel side, regular
 Each \$ 100.00

 Panel side, full platform spring
 " 112.00

 Curtain side, regular
 " 96.00

 Curtain side. platform spring
 " 105.00

#### EXTRAS ON EXPRESS WAGONS

Letters in paint	Net \$	4.00
Adjustable hand brake		5.00
Hand-made brake	ee	10.00

Tracks vary greatly in width. Specify gauge wanted in feet and inches.

Not carried in stock; shipped from factory direct.

# CUTLERY

# POCKET KNIVES RAZORS SCISSORS AND SHEARS



SILVER PLATED WARE KNIVES AND FORKS

LOGAN = GREGG HARDWARE CO.
PITTSBURG









No. 14.—Two blades, spear. Bone. Iron linings. Handle 3% inches long. Highly glazed ........... Per dozen \$ 4.20 One-half dozen in a box.



No. 21.—Two blades, clip. Bone. Iron linings. Handle 3% inches long. Highly glazed . . . . . . Per dozen \$ 4.20 One-half dozen in a box.



No. 2893R.—Two blades, spear. Red composition Iron linings. Handle 3 inches long. Glazed ...... Per dozen \$ 4.00

No. 2893B.—Two blades, spear. Blue composition Iron linings. Handle 3 inches long. Glazed ...... "

4.00

One dozen in a box.

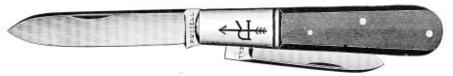


One dozen in a box.



#### RUSSELL BARLOWS





#### BOKER BARLOWS



No. 201.—One blade, spear. Black composition. Steel linings. Handle 3% inches long. Glazed. ....Per dozen \$ 4.00

One-half dozen in a box.



No. 202.—Two blades, spear. Black composition. Steel linings. Handle 3% inches long. Glazed. .... Per dozen \$ 6.00 One-half dozen in a box.

#### WOSTENHOLM IXL. BARLOWS





Numbers 201 and 202, one-half dozen: others one dozen in a box.

"STERUNG BRAND FOR QUALITY STANDS"



No. 15 .- One blade, spear. Rosewood. Iron linings. Handle 31/8 inches long. Glazed ....... Per dozen \$ 3.00



No. 0226 .- Two blades, spear. Rosewood. Iron linings. Handle 3 inches long. Glazed ............ Per dozen \$ 4.00









No. 077.—Two blades, clip. Stag. Iron linings. Handle 3% inches long. Glazed .................. Per dozen \$ 4.50



STERUNG BRAND FOR QUALITY STANDS"





No. 071.—Two blades, spear. Ebony. Steel linings. Steel bolster. Handle 31/4 in. long. Glazed .... Per dozen \$ 4.00



No. 073.—Two blades, spear. Stag. Steel linings. Steel bolster. Handle 31/4 inches long. Glazed .... Per dozen \$ 4.50



No. 070.-Two blades, spear. Rosewood. Steel linings. Steel bolster. Handle 31/4 in. long. Glazed. Per dozen \$ 4.00







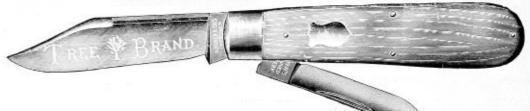
"STERLING BRAIND FOR QUALITY STAINDS"



TREE BRAND



No. 9872 .- Two blades, spear. Rosewood. Brass linings. Steel bolster. Handle 3% inches long. Crocus fin-



No. 9872C .- Two blades, clip. Rosewood. Brass linings. Steel bolster. Handle 3% inches long. Crocus finished and etched ...... Per dozen \$ 7.00



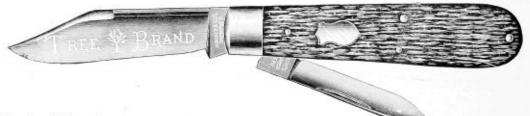
No. 9873.—Two blades, spear. Ebony Brass linings. Steel bolster. Handle 3% inches long. Crocus finished ......... Per dozen \$ 7.00



No. 9873C .- Two blades, clip. Ebony. Brass linings. Steel bolster. Handle 3% inches long. Crocus finished and etched Per dozen \$ 7.00



No. 9874.—Two blades, spear. Stag. Brass linings. Steel bolster. Handle 33% inches long. Crocus finished and etched ..... 



No. 9874C.—Two blades, clip Stag. Brass linings. Steel bolster. Handle 3% inches long. Crocus finished and etched ..... One-half dozen in a box. ...... Per dozen \$ 7.00

STERUNG BRAND FOR QUALITY STANDS



TREE BRAND



No. 9903.—Two blades, Stag. Brass linings, German silver bolsters, Handle 2% in. long. Crocus finished. Per dozen \$ 8.00













One-half dozen in a box.

TREE BRAND



















No. 9982GB.—Two blades, clip. Gray Buff. Brass linings. G. S. cap and bolster. Crocus finished and etched. Per doz. \$ 8.50



No. 9991 .- Two blades, clip Ebony. Brass linings. G. S. cap and bolster. Crocus finished and etched .... Per dozen \$ 8.00



No. 9982 .- Two blades, clip. Stag. Brass linings. G S. cap and bolster. Crocus finished and etched .... Per dozen \$ 8.00



No. 9992.—Two blades, clip. Pearl. Brass linings. G. S. cap and bolster. C-ocus finished and etched .. Per dozen \$ 18.00



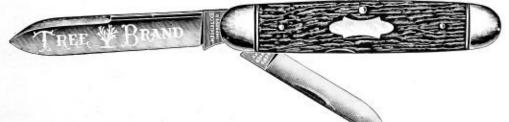
No. 9605.—Two blades, spear. Cocoa. Brass linings. G. S. cap and bolster. Crocus finished and etched. Per dozen \$ 8.00



No. 9606.—Two blades, spear. Ebony. Brass linings. G. S. cap and bolster. Crocus finished and etched. Per dozen \$ 8.00



No. 9633. Two blades, spear. Stag. Brass linings. G. S. cap and bolster. Crocus mushed and etched. Per dozen \$ 8.00



No. 9817.—Two blades, spear. Stag. Brass linings. G. S. cap and bolster. Crocus finished and etched....Per dozen \$ 8.00 One-half dozen in a box.



TREE BRAND















TREE BRAND



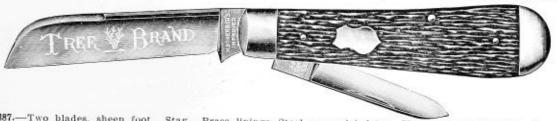








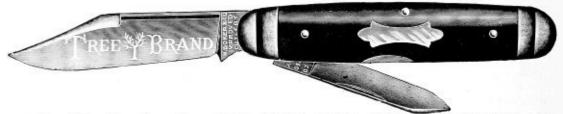
No. 9689.—Two blades, spear. Stag. Brass linings. Steel bolster. Handle 3% inches long. Glazed. Per dozen \$ 8.00

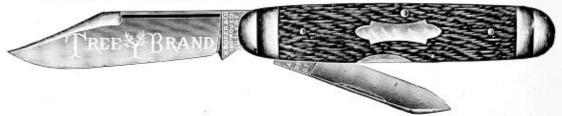




TREE BRAND













One-half dozen in a box.



TREE BRAND











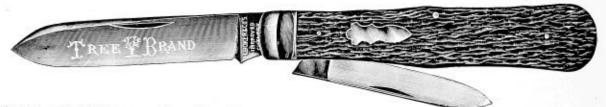


One-half dozen in a box.

TREE BRAND



No. 9235.—Two blades, spear. Ebony. Steel linings. Steel bolster. Handle 3% in. long. Glazed and etched. 



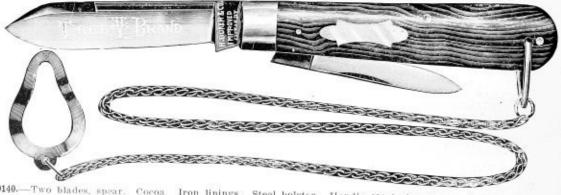
No. 9867 .- Two blades, spear Stag. Brass linings. Steel rat bolster. Handle 3% inches long. Crocus finished and etched ...... Per dozen \$ 9.00



No. 9864.—Two blades, spear Ebony. Brass linings. German silver bolster. Handle 31/2 inches long. Crocus finished and etched ...... Per dozen \$ 9.00



No. 9863.—Two blades, sheep foot. Cocoa. Brass linings. German silver bolster. Handle 31/2 inches long. Crocus finished and etched ..... ...... Per dozen \$ 9.00



No. 9140.—Two blades, spear. Cocoa Iron linings. Steel bolster, Handle 3% inches long. Crocus finished 

One-half dozen in a box.



TREE BRAND

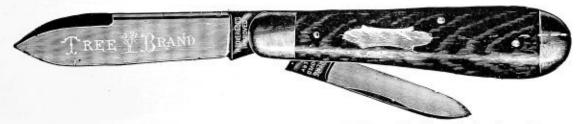












#### TREE BRAND











No. 9215.—One blade, pruning. Rosewood. Steel linings. Steel bolster. Handle 4 inches long. Glazed. Per doz. \$ 8.00

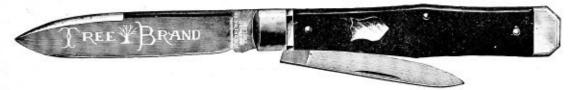
One-half dozen in a box.
"STERUNG BRAND FOR QUAUTY STANDS"



TREE BRAND

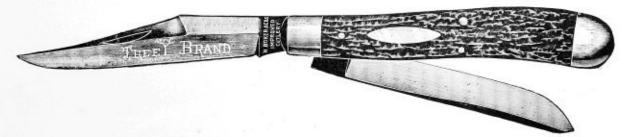












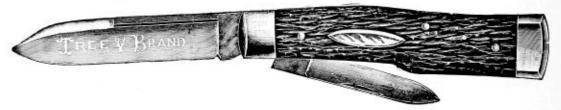
One-half dozen in a box.



#### TREE BRAND







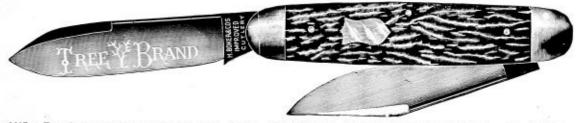




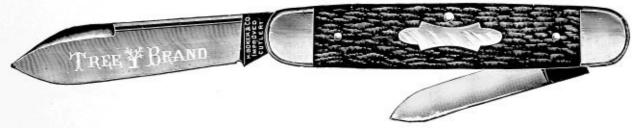


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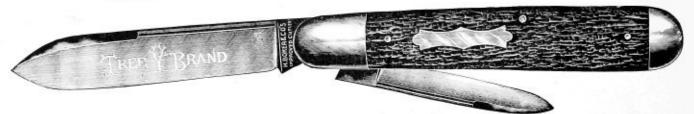


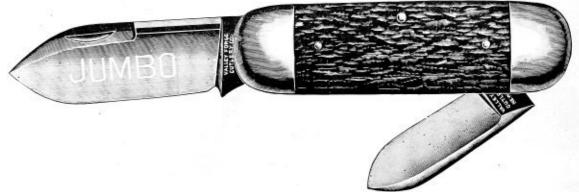




TREE BRAND







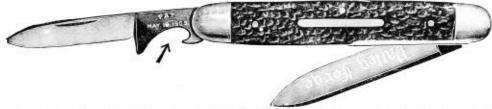
#### PUNCH KNIVES

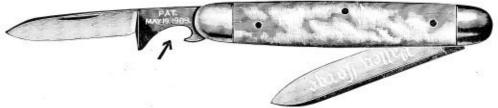
















No. 100.—Two blades. Stag. Brass linings. Handle 3% inches long. Press button. Crocus finished. Per dozen \$ 12.00



No. 105.—Two blades. Pearl. Brass linings. Handle 3% inches long. Press button. Crocus finished. Per doz. \$ 36.00 One-half dozen in a box.



TREE BRAND













No. 6098.—Two blades. Stag. Brass linings. Steel rat bolster. Handle 3 in. long. Highly glazed. Per dozen \$ 8.50



No. 5752.—Two blades. White bone. Brass linings. Steel rat bolster. Handle 3 in. long. Highly glazed. Per dozen \$ 8.50



No. 6201.—Two blades. Gray buff. Brass linings. Steel rat bolster, Handle 3 in. long. Highly glazed. Per dozen \$ 8.50

One-half dozen in a box.



TREE BRAND



No. 7065.—Two blades. Stag. Brass linings. German silver bolsters. Handle 3 in. long. Highly glazed. Per dozen \$8.50



No. 7066.—Two blades. Ebony. Brass linings. German silver bolsters. Handle 3 in. long. Highly glazed. Per dozen \$ 8.50



No. 7064.—Two blades. Stag. Brass linings. German silvertips. Handle 3 in. long. Highly glazed . . . . Per dozen \$ 8.50



No. 7089.—Two blades. Ebony. Brass linings. German silver bolsters. Handle 3 in. long. Highly glazed. Per dozen \$ 8.50



No. 7090 .- Two blades. Stag. Brass linings. German silver bolsters. Handle 3 in. long. Highly glazed. Per dozen \$ 8.50



No. 7199.—Two blades. Gun metal. Shadow pattern. Handle 31/4 inches long. Crocus finished ...... Per dozen \$ 8.50



No. 7268.—Two blades. Gun metal. Shadow pattern. Handle 3 inches long. Crocus finished.......Per dozen \$ 8.00



TREE BRAND



No. 7082.—Two blades. Ebony. Brass linings. German silver bolsters. Handle 3¼ inches long. Highly glazed Per dozen \$ 8.50













No. 4715W.—Two blades. White bone. Brass linings. Ger man silver bolsters. Handle 3 inches long. Crocus finished

One-half dozen in a box.

Per dozen \$ 10.00



TREE BRAND



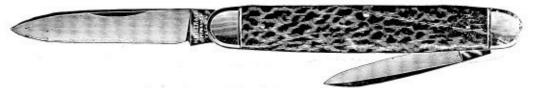
No. 6449.—Two blades. Black buff. Brass linings. German silver bolsters. Handle 3 inches long. Crocus finished Per dozen \$ 10.00





No. 6932.—Two blades. Stag. Brass linings. German silver bolsters. Handle 3 in. long. Crocus finish. Per dozen 3 10.00





No. 6512.—Two blades. Stag. Brass linings. German silver bolsters. Handle 31/2 in. long. Crocus finish. Per dozen \$ 12.00



No. 6278.—Two blades. Stag. Brass linings. German silver bolsters. Handle 3% in. long. Crocus finish. Per dozen \$ 12.00



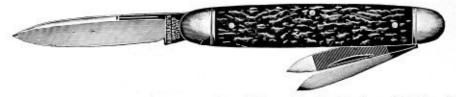
No. 6891.—Two blades, Stag, Brass linings, German silver tips, Handle 31/4 in, long, Crocus finished, Per dozen \$ 12.00



No. 6783.—Two blades. Stag. Brass linings. German silver bolsters. Handle 3½ in. long. Crocus finished. Per doz. \$ 12.00 One-half dozen in a box.



TREE BRAND



No. 6782.—Three blades. Stag. Brass linings. German silver bolsters. Handle 3 in. long. Glazed,..., Per dozen \$ 12.00



No. 6143.—Three blades. Stag. Brass linings. Steel rat bolsters. Handle 31/4 in. long. Glazed ...... Per dozen \$ 12.00



No. 6402.—Three blades. Ebony. Brass linings. German silver bolsters. Handle 31/4 in. long. Glazed. Per doz. \$ 12.00



No. 6063.—Three blades. Stag. Brass linings. German silver bolsters. Handle 3% in. long. Glazed...Per dozen \$ 12.00



No. 6762.—Four blades. Stag. Brass linings. German silver bolsters. Handle 3 in. long. Glazed......Per dozen \$ 13.00



No. 5753.—Four blades. Stag. Brass linings. Steel rat bolsters. Handle 31/4 in. long. Glazed .......Per dozen \$ 13.00 One-half dozen in a box.





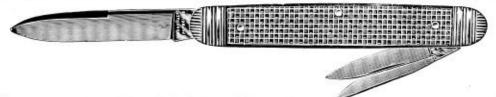
No. 6457.—Four blades, Stag. Brass linings, German silver b olsters. Handle 3% in. long. Glazed ...... Per dozen 3 15.00



No. 6554 .- Four blades. Stag. Brass linings. German silver bolsters. Handle 3% in. long. Glazed. Per dozen \$ 15.00



No. 5797 .- Four blades. Stag. Brass linings. German silver b olsters. Handle 31/4 in. long. Crocus finished. Per doz. 8 16.00





No. 6526.—Three blades. Genuine stag. Brass linings. German silver bolsters. Handle 33/8 inches long. Crocus finished Per dozen \$ 18.00



No. 5802.—Four blades. Gray Buff. Brass linings. Germansilver bolsters. Handle 3% in. long. Crocus finished.

Per dozen \$ 18.00





TREE BRAND



No. 5613.—Four blades. Stag. Brass linings. German silver tips. Handle 31/8 in. long. Crocus finished. Per dozen \$ 19.00





No. 6552.—Three blades. Genuine Stag. Brass linings. German silver ups. Handle 31/8 inches long. Crocus finished Per dozen \$ 21.00





No. 5614.—Three blades. Stag. Brass linings. German silver tips. Handle 3% in. long. Crocus finished. Per dozen \$ 21.00



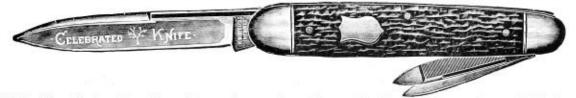


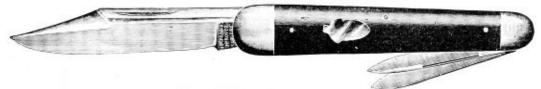
No. 5880.—Three blades. Stag. Brass linings. Steel rat bolsters. Handle 3½ in. long. Glazed.......Per dozen \$ 18.00 One-half dozen in a box.

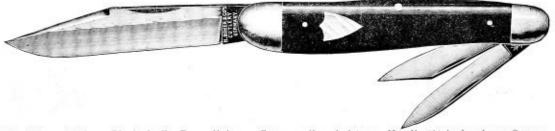


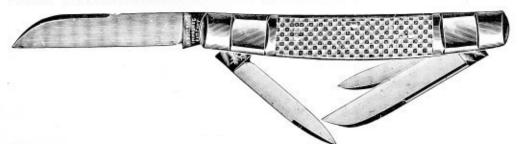


No. 6976.—Three blades. Stag. Brass linings, German silver bolsters. Handle 3% in. long. Crocus finished. Per doz. \$ 20.00









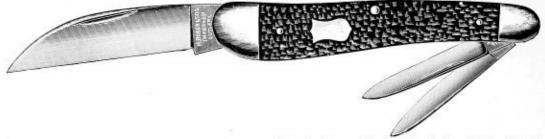


One-half dozen in a box.

STERUNG BRAND FOR QUALITY STANDS"



TREE BRAND



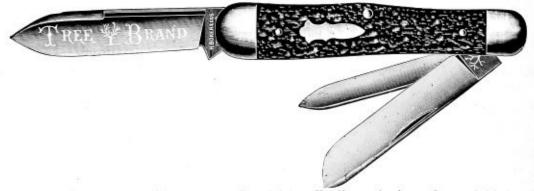
No. 6005.—Three blades. Stag. Brass linings. German silver bolsters. Handle 3% inches long. Crocus



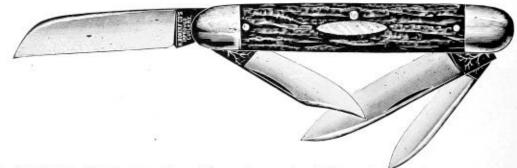
No. 6007.—Four blades. Stag. Brass linings. German silver bolsters. Handle 35% in. long. Crocus finished. Per doz. \$ 18.00



No. 6006.—Four blades. Stag. Brass linings. Steel rat bolsters. Handle 35g in. long. Crocus finished. Per doz. \$ 18.00



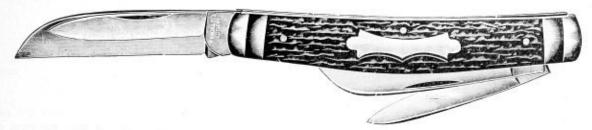
No. 9215.—Three blades. Stag. Brass linings. German silver bolsters. Handle 334 in. long. Crocus finished and etched. Three spring construction.—a spring for each blade. Spear, spaying and pen blades. Per dozen \$ 18.00

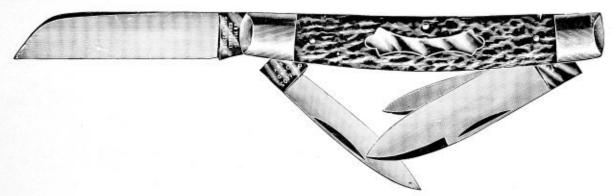


No. 7252.—Four blades. Genuine stag. Brass linings. German silver bolsters. Handle 3% inches long. Crocus

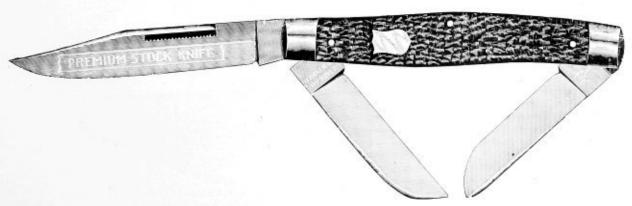


TREE BRAND











TREE BRAND















No. 7052.—Three blades. Smoked pearl. Brass linings. German silver bolsters. Handle 3% inches long. Glazed.

Per dozen \$ 16.00

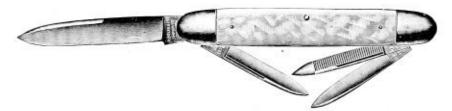
One-half dozen in a box.

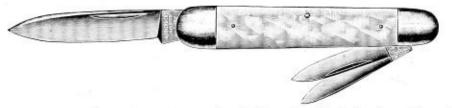


TREE BRAND



No. 7237.—Three blades. Pearl. Brass linings. German silver bolsters. Handle 3 in. long. Glazed ... Per dozen \$ 17.00











One-half dozen in a box.

TREE BRAND



No. 5956.—Four blades. Pearl. Brass linings. German silver tips. Handle 25% inches long. Crocus finished.

Per dozen \$27.00





No. 4948.—Three blades. Pearl. Brass linings. German silver bolsters. Handle 25% inches long. Crocus finished.
Per dozen \$ 24.00





No. 6761.—Three blades. Pearl. Brass linings. German silver bolsters. Handle 3 in. long. Glazed....Per dozen \$ 20.00



No. 6781.—Four blades. Pearl. Brass linings. German silver bolsters. Handle 3 in. long. Glazed .... Per dozen \$ 22.00



No. 7054.—Four blades, Smoked pearl. Brass linings. German silver tips. Handle 31/8 inches long. Glazed.

One-half dozen in a box. "Sterung Brand for Quauty Stands"



TREE BRAND



No. 6380.—Three blades. Pearl. Brass linings. German silver bolsters. Handle 31/4 in. long. Glazed. Per dozen \$ 22.00



No. 6381.—Four blades. Pearl. Brass linings. German silver bolsters. Handles 31/4 in. long. Glazed. Per dozen \$ 24.00



No. 6848.—Four blades. Pearl. Brass linings. German silver bolsters. Handle 31/4 in. long. Glazed. Per dozen \$ 22.00



No. 6228 .- Four blades. Pearl. Brass linings. German silver bolsters. Handles 31/4 in. long. Glazed. Per dozen \$ 24.00







One-half dozen in a box.
"STERUNG BRAND FOR QUALITY STANDS"

TREE BRAND



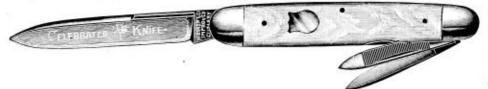
No. 4676.—Four blades. Pearl. Brass linings. German silver tips Handle 2% inches long. Crocus finished.

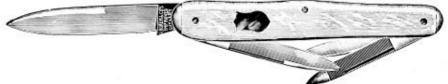


No. 6640.—Three blades. Pearl. Brass linings. German silver tips. Handle 31/8 in. long. Glazed ..... Per dozen \$ 30.00



No. 6244 .- Four blades. Pearl. Brass linings. Handle 27 in. long. Shadow pattern. Crocus finished, Per dozen \$ 30.00



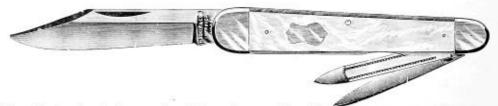


No. 6442.—Four blades. Pearl. Brass linings. German silver tips. Handle 3 in long. Crocus finished Per dozen \$ 33.00



No. 5007.—Three blades, Pearl. Brass linings. German silver tips. Handle 31/3 inches long. Crocus finished.

Per dozen \$33.



No. 6409.—Three blades, Pearl. German silver linings. German silver bolsters. Handle 31/8 inches long. Crocus finished Per dozen \$ 36.00 One-half dozen in a box.



TREE BRAND



No. 5612.—Four blades. Pearl. Brass linings, German sliver tips. Handle 31/2 in, long, Crocus finished. Per dozen \$ 36.00



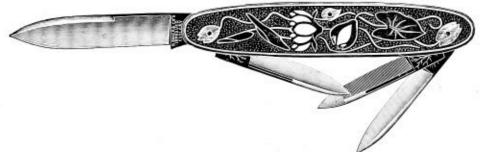
No. 6441.—Four blades. Pearl. German silver linings. Crocus finished. Sunk blades. Shadow pattern. Per dozen \$ 40.00



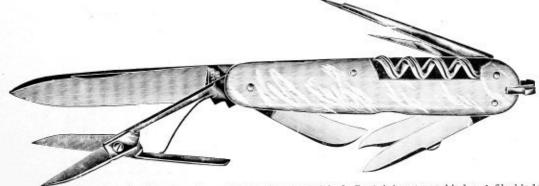
No. 6504.-Four blades. Pearl. German silver linings. Sunk blades. Shadow pattern. Pearl back. , Per dozen \$ 48.00



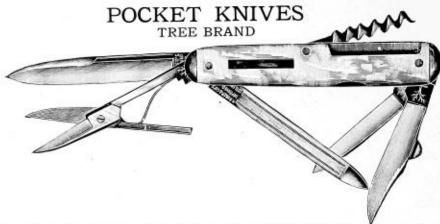
No. 3198.—Three blades. Fancy enameled inlaid and fire gold finished handle. Brass linings. Handle 234 inches long. Crocus finished. Sunk blades. Shadow pattern ...



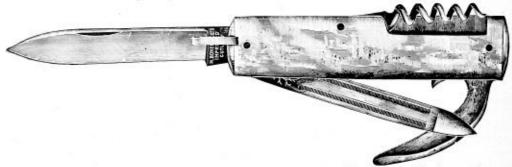
No. 6814.—Four blades. Fancy enameled inlaid and fire gold finished handle. Brass linings. Handle 31/4 inches 



-Eight blades. Pearl. German silver linings. Crocus finished. Containing 4 pen blades, 1 file blade, No. 6802 .-... Per dozen \$ 108.00 1 pair scissors, 1 punch, 1 cork screw, 1 pair tweezers and 1 shel! pick Numbers 6504 and 6802, one-twelfth dozen; others one-half dozen in box.



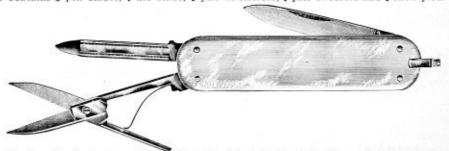
No. 6541.—Six blades. Pearl. Brass linings. German silver tips. Handle 234 inches long. Crocus finished. Combination knife consisting of 3 pen blades, 1 file blade, 1 pair scissors, 1 cork screw.......Per dozen \$ 72.00



No. 7207.—Four blades. Pearl. German silver linings. German silver tips. Handle 3½ inches long. Crocus finished. Contains 1 large blade, 1 file blade, cork screw and wire cutter and cap lifter ...... Per dozen \$ 72.00



No. 6010.—Four blades. Pearl. German silver linings. German silver bolsters. Handle 3 inches long. Crocus finished. Contains 2 pen blades, 1 file blade, 1 pair of scissors, 1 pair tweezers and 1 shell pick. Per doz. \$78.00



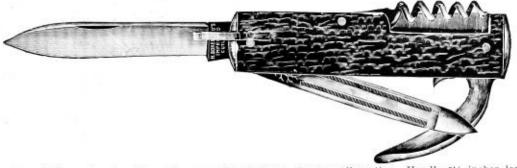
No. 6800.—Three blades. Pearl. German silver linings. Handle 23/4 inches long. Crocus finished. Shadow pattern.

Contains 1 pen blade, 1 file blade, 1 pair scissors, 1 pair tweezers and 1 shell pick . . . . . . Per dozen \$ 66.00





TREE BRAND



No. 7208.—Four blades. Genuine Stag. German silver linings. German silver tips. Handle 31/2 inches long. Crocus finished. Combination knife consisting of 1 large blade, 1 file blade, cork screw and wire cut-Per dozen \$ 54.00 ter and cap lifter....



No. 6304.—Three blades. Stag. Brass linings. German silver bolsters. Handle 3% inches long. Combina-tion knife consisting of 2 pen blades and 1 cork screw. Crocus finished,



Stag. Brass linings. German silver bolster and cap. Handle 31/4 inches long. Crocus Two blades. No. 6835.-



Handle 31/4 inches long. 



No. 6608.—Two blades. Celluloid. Brass linings, Handle 3% in. long. Crocus finished. Sunk blade. Office knife. \$ 16.00



No. 6623 .- Two blades. Celluloid. Brass linings. Handle 31/4 inches long. Crocus finished. Sunk blade. Office ..... Per dozen \$ 12.00



No. 6697.—One blade. Celluloid. Brass linings. Handle 31/4 in. long. Crocus finished. Corn knife. Per dozen \$ 12.00 One-half dozen in a box.



TREE BRAND



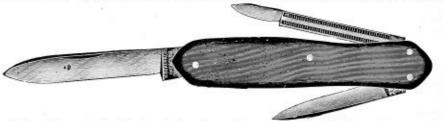
No. 6565.—Three blades. Pearl. G. S. linings. Handle 3 inches long. Crocus finished. Shadow pattern. Per doz. \$ 40.00



No. 6467.—Three blades. Pearl. G. S. linings. Handle 27% in. long. Crocus finished. Shadow pattern. Per dozen \$ 40.00



No. 6468.—Three blades. Stag. Brass linings. Handle 2% in. long. Crocus finished. Shadow pattern. Per dozen \$ 21.00



Noo. 6999.—Three blades. Gun metal. Handle 3 inches long. Crocus finished. Shadow pattern.....Per dozen \$ 21.00



No. 7002.—Three blades. Gun metal. Handle 3 inches long. Crocus finished. Shadow pattern,.....Per dozen \$ 21.00



No. 6998.—Three blades. Gun metal. Handle 21/2 in. long. Crocus finished. Shadow pattern .......Per dozen \$ 20.00



No. 6902.—Two blades. Stag. Brass linings. German silver tips. Handle 3 in, long. Crocus finished. Per dozen \$ 17.00 One-half dozen in a box.



WOSTENHOLM'S IXL





No. 2215.—Four blades. Pearl. Brass linings. German silver tips. Handle 3 inches long. Highly polished.

Per dozen \$40.00









No. 2210.—Four blades. Stag. Brass linings. German silver tips. Handle 3% in. long. Highly polished. Per doz. \$ 30.00



No. 2144.—Three blades. Stag. Brass linings. German silver tips. Handle 3% inches long. Highly polished.

Per dozen \$ 26.00



No. 16472.—Three blades. Stag. Brass linings. Round German silver bolsters. Handle 3% inches long. Glazed
Per dozen \$ 25.00



#### WOSTENHOLM'S IXL



No. 17020.—Three blades. Stag. Brass linings. Hollow steel bolsters. Handle 31/2 in. long. Glazed. Per dozen \$ 24.00



No. 2160.—Four blades. Stag. Brass linings. Steel hollow bolsters. Handle 31/2 in. long. Glazed. Per dozen \$ 24.00



No. 2180.—Three blades. Stag. Brass linings. Steel hollow bolsters. Handle 31/2 in. long. Glazed. Per dozen \$ 21.00



No. 2153.—Two blades. Stag. Brass linings. Steel hollow bolsters. Handle 31/8 in. long. Glazed. ...Per dozen \$ 13.00

One-half dozen in a box.





No. 6983.—Two blades. Cocobolo. Iron linings. Steel bolster. Handle 31/4 inches long. Glazed .... Per dozen \$ 10.00

















No. 6319E.—Three blades.
Highly finished
No. 6319S.—Three blades.
Highly finished
Stag. Brass linings. Steel, nickel-plated bolsters. Handle 3% inches long.
Per dozen \$ 8.00

No. 6319S.—Highly finished



No. 8230S.—Four blades. Stag. Brass linings. Steel, nickel-plated bolsters. Handle 3½ inches long.

Per dozen \$ 8.00

One-half dozen in a box.











No. 17472.—Two blades. Pearl. Brass linings. German silver bolsters. Handle 2¾ in. long. Highly finished.
Per dozen \$8.00



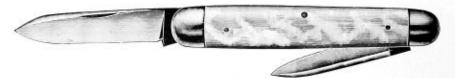
No. 17465.—Two blades. Pearl. Brass linings. Shadow pattern. Handle 3 inches long. Highly finished. Per doz. \$8.00





No. 17344.—Two blades. Pearl. Brass linings. German silver bolsters. Handle 3 in. long. Highly finished.

Per dozen \$8.00



One-half dozen in a box.













No. 6326.—Three blades. Pearl. Brass linings. German silver bolsters. Handle 3 inches long. Crocus finished.
Per dozen \$ 13.00





STERUNG BRAND FOR QUALITY STANDS



No. 17469P.—Two blades. Pearl. Steel linings. Steel, nickel-plated bolsters. Handle 2½ inches long. Well finished . . . . . . Per dozen § 4.00



No. 9515W.—Two blades. White bone. Brass linings. Handle 3% in. long ........ Per dozen \$ 4.00



No. 17467P.—Two blades. Pearl. Steel linings. Steel, nickel-plated bolsters. Handle 2½ inches long. Weil finished . . . . . Per dozen \$ 4.30



No. 9446E.—Two blades Ebony. Brass linings. Steel bolsters. Handle 3½ in. long. , Per dozen \$ 4.00



No. 17468P.—Two blades. Pearl. Steel linings. Steel, nickel-plated bolsters. Handle 2½ inches long. Well finished . . . . . Per dozen \$ 4.00



No. 9904S.—Two blades. Stag. Brass linings. Steel bolsters. Handle 3¾ in. long. . . . . Per dozen \$ 4.00



No. 95198.—Two blades. Stag. Brass linings. Steel bolsters. Handle 3 inches long. Per dozen \$ 4.00



No. 9504. — Two blades. Stag. Brass linings. Long steel bolsters. Handle 3½ in. long. Dozen \$ 4.00

No. 9505½.—Two blades. Stag. Brass linings. Tip bolsters. Handle 3¼ in. long .... Per dozen 4.00



No. 9940W.—Two blades. White bone. Brass linings. Steel bolsters. Handle 27's inches long. Per dozen \$4.00

No. 9940S.—Two blades. Stag. Brass linings. Steel bolsters. Handle 27% in. long. ..Per dozen 4.00



No. 9131S.—Two blades. Stag. Erass linings. Highly fluished. Handle 31/g in. long. Per dozen \$ 4.00

No. 9131B.—Two blades. Gray Buff. Brass linings. Highly finished. Handle 31% in. long. Per dozen 4.00



No. 9502W.—Two blades. White bone. Brass linings. Steel bolsters. Handle 3 in. long. Per doz. \$ 4.00



No. 9502S.—Two blades Stag. Brass linings. Steel bolsters. Handle 3 in. long ....... Per dozen \$ 4.00 One-half dozen in a box.

STERUNG BRAND FOR QUALITY STANDS





No. 1414.—One blade. Iron handle ...... Per dozen \$ .80





No. 02011.—One blade. Iron handle ....... Per dozen \$ 1.50



No. 02008.—One blade. Iron handle ....... Per dozen \$ 1.50



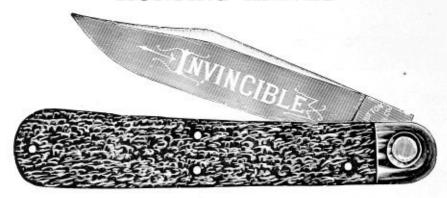


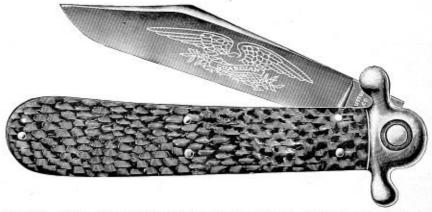
No. 1374.—Two blades. Iron handle Per dozen \$ 1.50

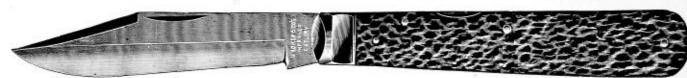
One dozen in a package.



# HUNTING KNIVES





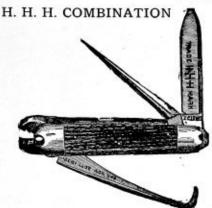




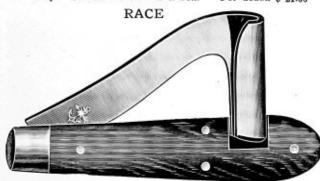
One-half dozen in a box.

"STERUNG BRAND FOR QUAUTY STANDS"





HHH.—Handy tool, 9 in 1. Stag handle 4½ in. long. Consists of knife, leather punch, awl, wire cutter and pliers, wrench, screw driver, screw bit, hoof hook, etc. A handy tool for farmers, horsemen, miners, sportsmen and mechanics. One tool does not interfere with the free use of another, each working independently One-half dozen in a box. Per dozen \$ 21.00



COMBINATION



No. 8707B.—Six blades. Ebony. Brass linings.
Handle 3½ in. long. Combination knife consists of 2 knife blades, 1 screw driver, 1 can opener, 1 cork screw and 1 punch. A very serviceable knife—excellent for camper's use.

Per dozen \$22.00

One-half dozen in a box.

#### LOCK BACK HUNTING



No. 8639.—One blade, 31/2 in. long. Deer foot handle. Lock back hunting knife with guard and ring for attaching to belt ......... Per dozen \$ 18.00 One-half dozen in a box.

#### DEER FOOT DAGGER



No. 6811.—Dagger. 6 inch blade. Deer foot handle. Heavy sabre blade, with guard. Complete with leather sheath ........ Per dozen \$ 12.00 One-half dozen in a box.

#### ELECTRICIAN'S

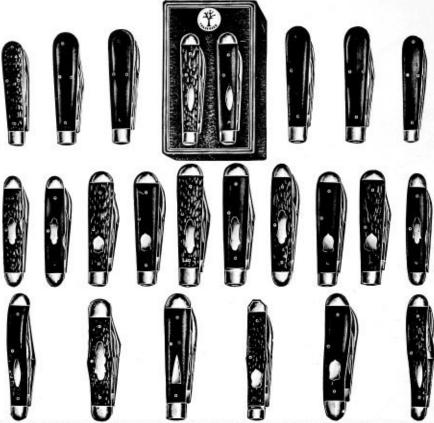






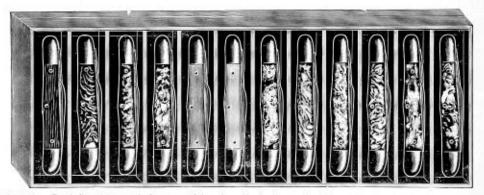
No. 14311.—Eraser. I. X. L. Ebony handle. Solid blade, crocus finished One-half dozen in a box. Per dozen \$ 12.00 "Stepung Brand for Quauty Stances"





No. 850 Assortment.—Contains twenty-four 2 blade "Tree Brand" Jack knives, assorted stag, ebony and cocobolo handles. 6 of these retail at 25c each; 12 at 50c each; and 6 at 75c each. The 50c and 75c patterns are brass lined, crocus finished and etched. Desirable, popular and best selling patterns. 8 two compartment lid plush lined display boxes as illustrated are furnished with each Assortment.

Per assortment (including display boxes.) \$17.00



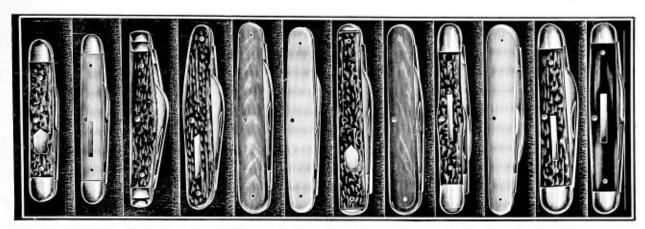
No. 101 Assortment.—Contains 12 assorted composition handle knives, all different. Two blades. Brass linings.

Handles 2% inches long, glass finish. Extra in quality and finish. Cutting edges the best. A strictly high
grade 'ady's and school girl's knife. In a plush lined compartment display case ................... Per Assortment \$ 8.00



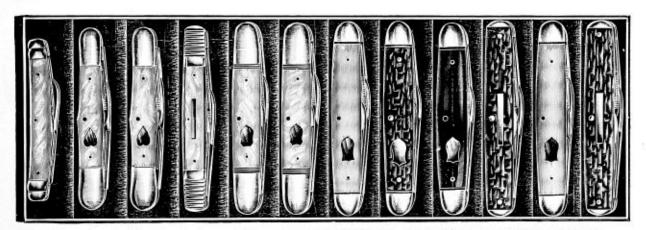
No. 18028 Assortment.-2 each of 6 patterns. Brass linings. Pearl handles 3 in. long. On display card. Per card \$ 4.00

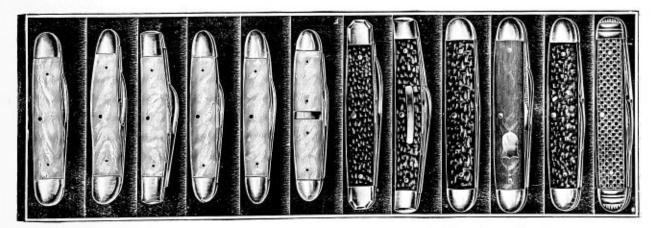




No. 25 Assortment.—Contains twelve 2 blade pen knives. Assorted stag, cbony and white bone handles, all patterns different. Brass linings. Highly finished. Retail value 25c each. In neat plush lined display case.

Per assortment \$4.00







# ASSORTMENT OF KNIVES AND FORKS

WE DO NOT BREAK THIS CASE



4 Sets. No. 1908. Cocobolo handle with forks to match.



2 Sets. No. 933. Cocobolo handle with forks to match.



1 Set. No. 633. White bone handle with forks to match.



1 Set. No. 1933. Cocobolo handle with forks to match.



1 Set. No. 1925C. Cocobolo handle with forks to match.



1 Set. No. 1936C. Cocobolo handle with forks to match.



1 Set. No. 737C. Ebony handle with forks to match.

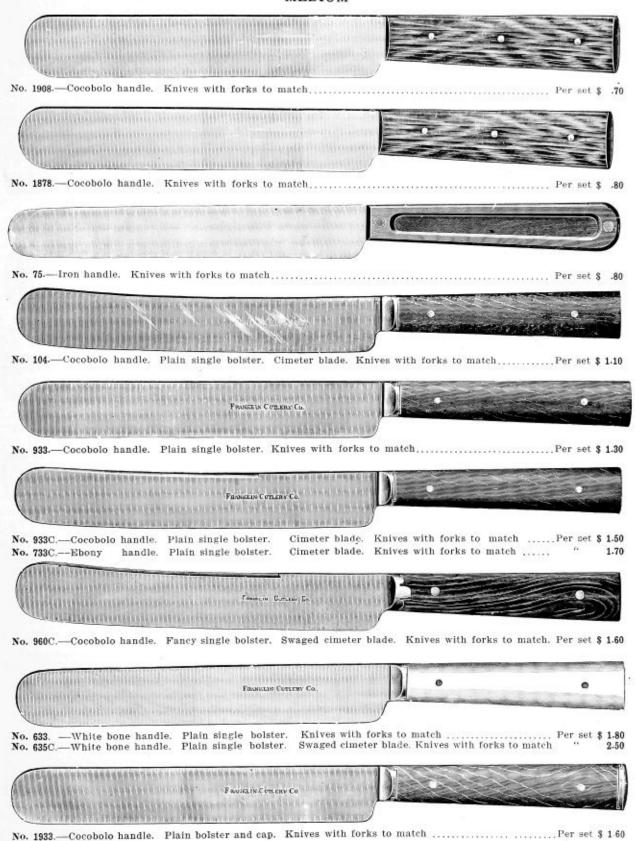


1 Set. No. 1926C. Cocobolo handle with forks to match.

No. 255.—Knife and Fork Assortment. Contains 12 sets knives and forks as noted above .... Per case (12 sets) \$ 16.80



#### MEDIUM



No. 1908, two sets; balance one set in a box.
"SIERUNG BRAND FOR QUALITY STANDS"



#### MEDIUM



No. 1933C.—Cocobolo handle. Plain bolster and cap. Cimeter blade. Knives with forks to match ......Per set \$ 1.70

No. 1733C.—Ebony handle. Plain bolster and cap. Cimeter blade. Knives with forks to match ...... " 2.00

No. 1733C.—Ebony handle. Plain bolster and cap. Cimeter blade. Knives with forks to match ...... " 2.00

No. 1635C.—White bone handle. Plain bolster and cap. Swaged cimeter blade. Knives with forks to match " 2.80



No. 1249.—Cocobolo handle. Fancy bolster and cap. Swaged cimeter blade. Knives with forks to match. Per set \$ 1.50



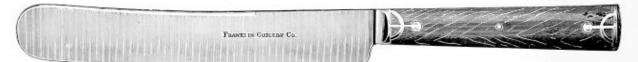
No. 1960C .- Cocobolo handle. Fancy bolster and cap. Swaged cimeter blade. Knives with forks to match. Per set \$ 2.00



No. 1961C .- Cocobolo handle. Fancy bolster and cap. Swaged cimeter blade. Knives with forks to match. Per set \$ 2.00



No. 1962C .- Cocobolo handle. Fancy bolster and cap. Swaged cimeter blade. Knives with forks to match. Per set \$ 2.20



No. 1963C .- Cocobolo handle. Fancy bolster and cap. Swaged cimeter blade. Knives with forks to match. Per set \$ 2.20



No. 1964C.—Cocobolo handle. Fancy bolster and cap. Swaged cimeter blade. Knives with forks to match. Per set \$ 2.20



No. 1965C.—Cocobolo handle. Fancy bolster and cap. Swaged cimeter blade. Knives with forks to match. Per set \$ 2.20

One set in a box.

"STERUNG BRAND FOR QUALITY STANDS"



#### MEDIUM



No. 936C.—Cocobolo handle.

No. 736C.—Ebony handle.

No. 636C .- White bone handle.

Fancy single bolster. Swaged cimeter blade. Knives with forks to match. Per set \$ 2.20

Fancy single bolster. Swaged cimeter blade. Knives with forks to match.

Fancy single bolster. Swaged cimeter blade. Knives with forks to match.

2.80

2.50



No. 937C .- Cocobolo handle. Fancy single bolster. Swaged cimeter blade. Knives with forks to match. Per set \$ 2.20



No. 1925C.—Cocobolo handle. Fancy bolster and cap. Swaged cimeter blade. Knives with forks to match. Per set \$ 2.40



No. 1936C.—Cocobolo handle.

No. 1736C .- Ebony handle.

Fancy bolster and cap. Swaged cimeter blade. Knives with forks to match. Per set \$ 2.40 Fancy bolster and cap. Swaged cimeter blade. Knives with forks to match

No. 1636C .- White bone handle. Fancy bolster and cap. Swaged cimeter blade. Knives with forks to match

2.70 3.00



No. 1937C .- Cocobolo handle. Fancy bolster and cap. Swaged cimeter blade. Knives with forks to match. Per set \$ 2.50



No. 1926C.—Cocobolo handle. No. 1726C.—Ebony handle.

Fancy bolster and cap. Swaged cimeter blade. Knives with forks to match. Per set \$ 2.50 Fancy bolster and cap. Swaged cimeter blade. Knives with forks to match



No. 994C.—Cocobolo handle. Fancy single bolster. Swaged cimeter blade. Knives with forks to match. Per set § 2.80



No. 991C .- Coccoolo handle. Flat single bolster. Swaged cimeter blade. Knives with forks to match. Per set \$ 2.80 One set in a box.

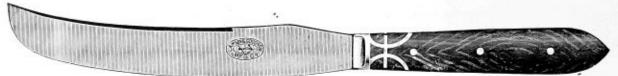


2.80

3.20

# KNIVES AND FORKS

#### MEDIUM



No. 945C.—Cocobolo handle. Fancy single bolster. Fancy swaged cimeter blade. Knives with forks to match. Per set \$3.00



No. 1929C .- Cocobolo handle.

Fancy bolster and cap. Swaged cimeter blade. Knives with forks to match. Per set \$2.50

No. 1729C .- Ebony handle.

Fancy bolster and cap. Swaged cimeter blade. Knives with forks to match

No. 1629C .- White bone handle. Fancy bolster and cap. Swaged climeter blade. Knives with forks to match



No. 1938C.—Cocobolo handle.

Fancy single bolster and cap. Swaged cimeter blade. Knives with forks to match Set \$ 2.80

No. 1738C .- Ebony handle. Fancy single bolster and cap. Swaged cimeter blade. Knives with forks to match "



No. 1174C .- Stag handle. Plain bolster and cap. Swaged cimeter blade. Knives with forks to match... Per set \$ 3.00



No. 1930C .- Cocobolo handle. Fancy bolster and cap. Swaged cimeter blade. Knives with forks to match. Per set \$ 2.80



No. 1992C .- Cocobolo handle, No. 1792C .- Ebony handle.

Fancy bolster and cap. Swaged cimeter blade. Knives with forks to match. Per set \$ 3.00 Fancy bolster and cap. Swaged cimeter blade. Knives with forks to match. 3.30



No. 1996C .- Cocobolo handle. Fancy bolster and cap. Swaged cimeter blade. Knives with forks to match. Per set \$ 3.00



No. 1793C .- Ebony swell handle.

No. 1993C.—Cocobolo swell handle. Fancy bolster and cap. Swaged cimeter blade. Knives with forks to match, Set \$ 3.20 Fancy bolster and cap. Swaged cimeter blade. Knives with forks to match. "

One set in a box.





No. 1941C.—Cocobolo handle. Fancy double bolster and cap. Swaged cimeter blade. Knives with forks to match Set \$ 3.60

No. 1741C.—Ebony handle. Fancy double bolster and cap. Swaged cimeter blade. Knives with forks to match " 4.00



No. 915C.—Cocobolo mottled handle. German silver bolster. Swaged cimeter blade. Knives with forks to match. Set \$3.00



No. 916C.—Cocobolo swell handle. German silver bolster. Swaged cimeter blade. Knives with forks to match. Set \$ 3.20 All above, one set in a box.



No. 520.—Rubber handle. Plain single bolster. Medium knives only Per dozen \$ 6.00

No. 520.—Rubber handle. Plain single bolster. Medium forks to match 5.50

One dozen in a box.





Illustrating pearl handle knife in sets 1736M and 1736D below.







One set in a box.

No. 1658.-



# CARVING KNIVES AND FORKS



L. A. C. Nig. Co.

No. 347 .- Beef. 8-inch blade. Stag handle. Swaged blade. Plain cap and hollow ferrule. Knife and fork. Per pair \$ 2.00 No. 3470.-Beef. 8-inch blade. Stag handle. Swaged blade. Plain cap, hollow ferrule. Knife, fork and steel. Per set

L. A. G. Mig. Co.

No. 357.—Beef. 8-in, blade. Stag handle. Swaged blade. Plain cap and nickel-plated ferrule. Knife & fork.. Per pr. \$ 2.50 No. 3570 .- Beef. 8-in, blade. Stag handle. Swaged blade. Plain cap, nickel-plated ferrule. Knife, fork & steel. Per set 3.50

No. 371.—Beef. 9-in blade. Stag handle. Swaged fancy blade. N. P. plain cap and ferrule. Knife and fork. Per pair \$ 2.50 No. 3710.—Beef. 9-in blade. Stag handle. Swaged fancy blade. N. P. plain cap and ferrule. Knife, fork & steel. Per set 3.50

L. A. C. Mig. Co.

No. 381.—Beef. 9-in. blade. Stag handle. Swaged blade. Plain cap, N. P. ferrule. Knife and fork. No. 3810.—Beef. 9-in. blade. Stag handle. Swaged blade. Plain cap. N. P. ferrule. Knife, fork and steel. .... Per set 4.50

No. 263.—Beef. 8-in. blade. Stag handle. Fancy blade. Plain cap and ferrule. Knife and fork.........Per pair \$ 3.50 No. 2630.—Beef. 8-in. blade. Stag handle. Fancy blade. Plain cap and ferrule. Knife, fork and steel...Per Set 4.50

Plain Cap and Plated Fancy Ferrule.

Stag handle. Swaged blade. Knife and fork . . . . Per pair Stag handle. Swaged blade. Knife, fork and steel . . . . Per pair -Beef. 8-in. blade. No. 16580.—Beef. 8-in. blade. ..... Per pair \$ No. 1659. -Beef. 4.50 9-in. blade, Swaged fancy blade. Knife and fork No. 16590.—Beef. 9-in. blade. Stag handle. Swaged fancy blade. Knife, fork and steel Per pair 4.00 5.00

No. V3844R.—Beef. 9-inch blade. Stag handle. Plain cap and plated fancy ferrule. Long slender new style 

9.00



# CARVERS AND GAME SHEARS

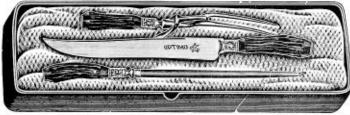
	@		
No. 01047. —Beef. 9-inch blade. Genuine rule. Knife and fork			
beer. & men blade. Genuine	suig handle. Folished blade	. Sterling silver plain cap and fancy fer-	5.00
No. 010470X.—Beef. 9-inch blade. Genuine	stag handle. Polished blade	Sterling silver alain can and force for	6.50
rule. Knife, fork and steel.	In satin lined imitation mo	rocco case Per set	7.50
No. 0102. —Beef. 9-inch blade. Genuine	stag handle. Highly finished	d swaged blade, fancy back. Sterling sil-	
No. 01020. —Beef. 9-inch blade. Genuine	stag handle. Highly finished	d swaged blade fancy back Storling all	6.00
No. 01020X.—Beef. 9-inch blade. Genvine	le. Knife, fork and steel stag handle. Highly finished	Don not	7-50 8-50
Trans.		The state of the s	

No. 226. —Beef. 8-inch blade. Genuine stag handle. Highly polished swaged blade. fancy ferrule. Knife, fork and steel . Per set \$ 8.00 No. 226X 8-inch blade. Genuine stag handle. Highly polished swaged blade. Silver plain cap and 

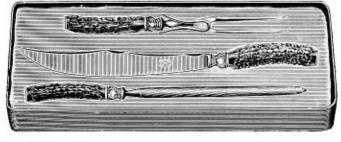
# GAME SHEARS



One in a box.



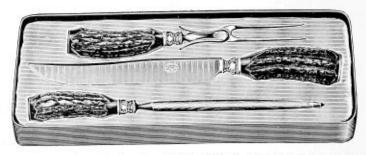
No. 0123.-Beef. 8-inch blade. Selected stag handle. Polished and swaged blade. German silver plain cap and 

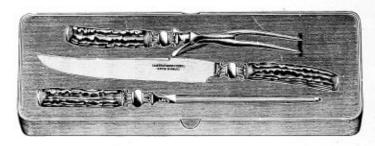


No. 0112.—Beef. 9-inch blade. Genuine stag handle. Highly polished swaged blade, fancy back. Sterling silver plain cap and fancy ferrule. Knife, fork and steel. In satin lined imitation morocco case. Per set \$ 8.00

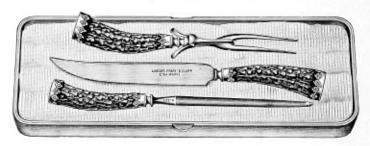


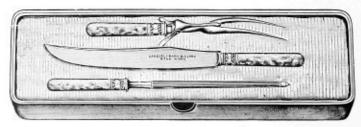
# CARVING KNIVES AND FORKS





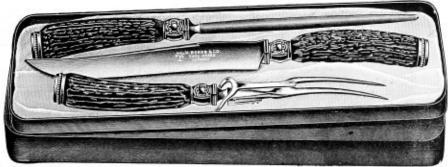
No. 0410.—Beef. 9-inch blade. Genuine stag handle. Highly polished, French cimeter swaged blade. Sterling silver plain cap and fancy ferrule. Knife, fork and steel. In satin lined imitation morocco case. Per set \$ 10.00

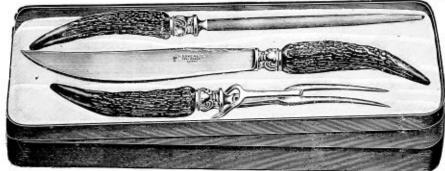


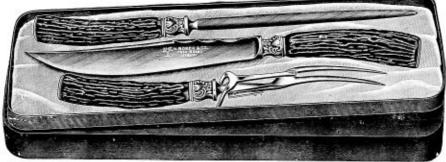




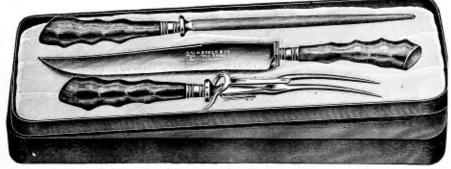
# BOKER'S TREE BRAND CARVERS







No. 184.—Beef. 9-inch blade. Genuine stag handle. Crocus polished swaged blade, fancy back. Silver plain cap and fancy ferrule. Knife, fork and steel. In satin lined imitation morocco case .......Per set \$ 12.00



All Boker "Tree Brand" carvers are hand forged from the very best grade of English Double Shear Steel. The blades are ground thin and stiff and have strong, keen cutting qualities. Sharpen cutting edges by light "steeling" and whetting.

"STERUNG BRAND FOR QUALITY STANDS"



# BIRD, GAME AND STEAK CARVERS



No. 235.—Bird or steak. 51/2-inch blade. Nickel-plated steel handle of modern design. Knife and fork. Per pair \$ 2.00



No. 222.—Bird or steak. 51/3-inch blade. Ebony handle. Crocus polished blade. Silver ferrule. Knife and fork.

Per pair \$2.50













One pair in a box.

All above carvers except 106B and 1657 are "Tree Brand" and are hand forged from the very best grade of English double shear steel. The blades are ground thin and stiff and have strong keen cutting qualities. Sharpen cutting edges by light "steeling" and whetting.



# "VILLAGE BLACKSMITH" KNIVES

BUTCHER

STEAK



#### BUTCHER

# wared macageme

Walnut Handle. German Silver Bolster.

 STEAK

Walnut Handle. Brass Rivets and Burs.

No. 229.—Steak Inches . . . . . 10 12 14

Per dozen . . . . . \$ 20.00 24.00 33.00

One-half dozen in a box.

#### SKINNING



 SPLITTING



No. 213.—Splitting. Heavy wide blade, 12 inches in length. Walnut handle....Per dozen \$ 36.00 One-half dozen in a box.

#### BONING



HOUSE



No. 413.—House. Walnut handle, brass rivets and burs. 8-inch blade............Per dozen \$ 10.40 One-half dozen in a box.

#### STICKING



#### CARVING



No. 650.—Carving. Steak or Bird. Rosewood handle, brass rivets and burs. 6½-inch blade Per dozen \$ 12.00

One dozen in a box.

#### KITCHEN



#### SLICER



No. 40.—Slicing. Rosewood handle, German silver tubular rivets. Slicing blade 10 in. in length. Designed for hotel and cafe use. Round handle ....... Per dozen \$ 18.00 One-half dozen in a box.

#### PUTTY



#### SLICER

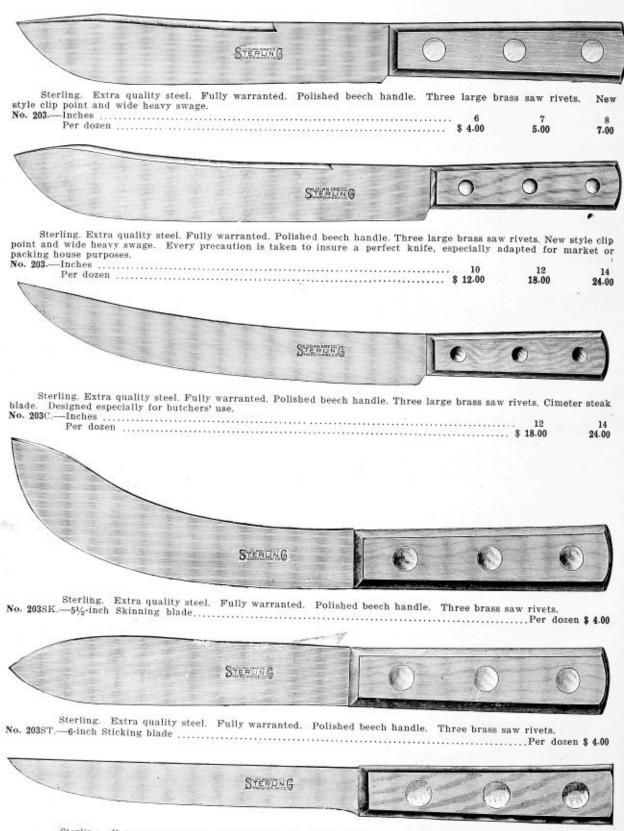
Walnut Handle. German Silver Bolster.
No. 325.—Slicing. Inches ..... 10 12 14

No. 325.—Slicing. Inches ..... 10 12 14
Per dozen ...... \$ 13.00 17.00 21.00
One-half dozen in a box.

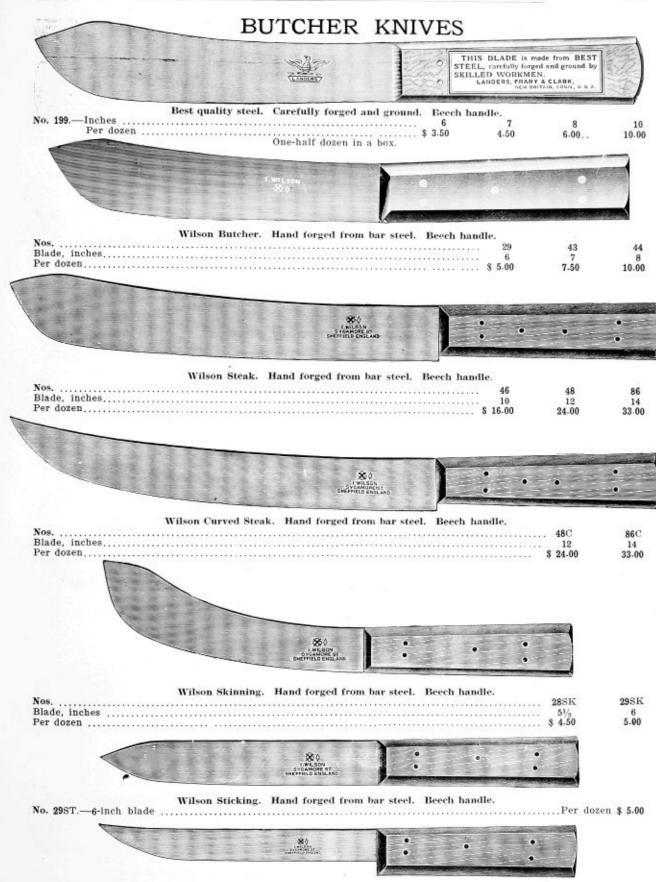
"Village Blacksmith" knives are hand forged from very highest grade of crucible steel, thus in this line we offer a line that is first of all good. Every knife guaranteed, and each put up in patent rust-proof shield to insure delivery in good condition.



# STERLING BUTCHER KNIVES







All above one-half dozen in a box.
"Sterung Brand for Quality Stands"

No. 29B .- 6-inch blade .....

Wilson Boning. Hand forged from bar steel. Beech handle.

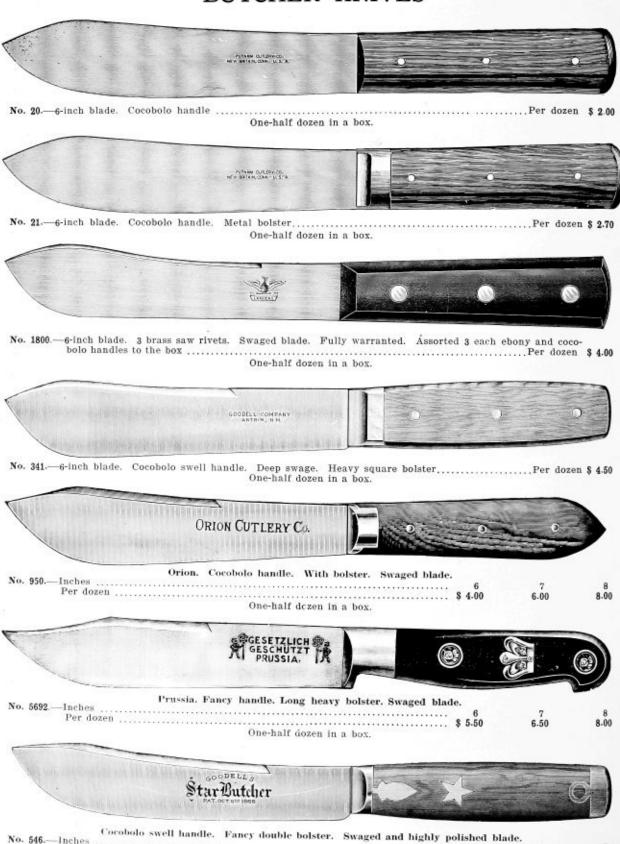
No. 546.—Inches

Per dozen ......



8.00

# BUTCHER KNIVES



One-half dozen in a box. STERUNG BRAND FOR QUALITY STANDS"



# BUTCHER KNIVES



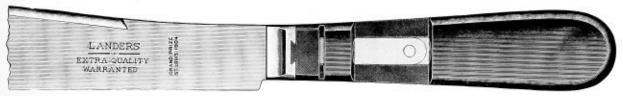
Crescent. Crucible cast steel. Mirror finish. Deep swaged blades. Three large brass rivets. Assorted 2 each ebony, boxwood and cocobolo handles to the box.

Crescent.—Inches Per dozen \$8.00 One-half dozen in a box. 9.00 10.00

EXTRA QUALITY WARRANTED

Perfect. Solid ebony handle. Metal bolster and "in-to-stay" fastener illustrated and described below. Deep swaged blade and extra fine finish.

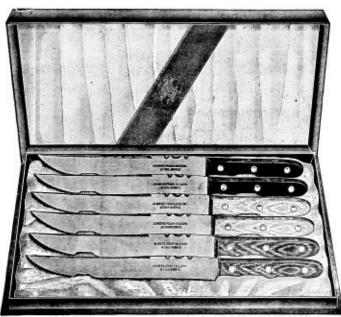
No. 3908.—Inches Per dozen \$8.00 One-half dozen in a box. 10.00 12-00



This patent "in-to-stay" bolster on knife 3908 makes it handsome, practical and sanitary. The peculiar construction makes the blade, handle and bolster one solid piece. Without crack or crevice for dirt to work into and handle fastened so as to not work loose. Made to fit the hand and preserve the "hang" of the knife.



Landers. Cocobolo handle. Wide swaged, highly finished blade. Metal bolster and cap. No. 2279.—Inches 6
Per dozen \$ 9.00 11.00 13.00 Per dozen ..... One-half dozen in a box.



No. 283A.—Assortment. 9-inch blade. Household carvers or kitchen slicers. Three large metal rivets. Contains 6 knives assorted, 2 each cocobolo, ebony and boxwood handles. In handsome satin lined dis-



### KNIVES KITCHEN SLICER



No. 1900.—Clyde slicer. Swaged blade, 91/2 in. long. Cocobolo beveled handle. With 3 large brass rivets. Per dozen \$ 8.00 One-half dozen in a box.

#### FRENCH SABATIER



#### BREAD

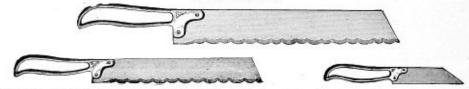






No. 980.—Bread. Cocobolo swell handle. Flat bolster. Swaged and highly polished blade, 8 in. long. Per dozen \$ 6.00 One-half dozen in a box.

#### KNIFE SETS



#### SAW KNIVES

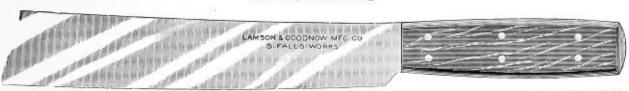


STERUNG BRAND FOR QUALITY STANDS"



# KNIVES, FORKS ETC.

#### CHEESE KNIVES



...... Per dozen \$ 12.00

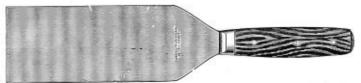


#### SPATULAS



One-half dozen in a box.

#### BUTTER SPADES



#### BUTTER TROWELS



#### POT FORKS



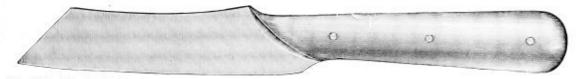
"STERUNG BRAND FOR QUALITY STANDS"



One dozen in a box.
"STERUNG BRAND FOR QUALITY STANDS"



# PARING KNIVES



No. 17.—Plain beech handle. Steel blade .....

One dozen in a box.

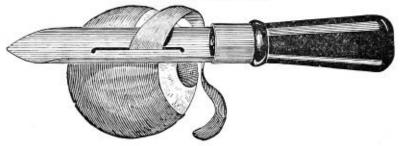


No. 777.—Beveled ebony handle. 3 brass rivets.

Polished steel blade ....... Per dozen \$ 2.00 One dozen in a box.



One dozen in a package.



Champion .- Paring and coring knife. Bright steel slotted blade, dead black handle. No waste in paring. Will

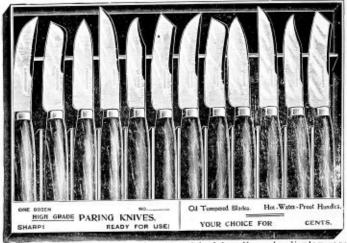
# GRAPE FRUIT KNIVES



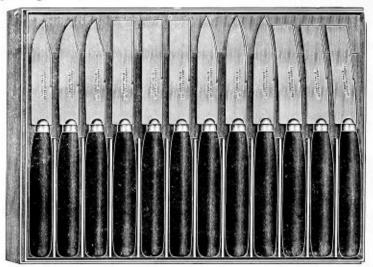
Empire.—Grape fruit or orange knife. Crocus finished. Steel ferrule. Black rubberoid handle. Round pointed blade curved to the right angle and with a very keen edge. Will remove the center, cut cleanly and blade curved to the right angle and with a very keen edge. One-half dozen in a display case.



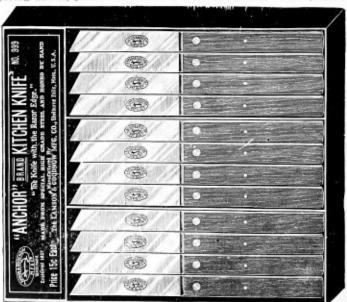
# PARING KNIVES



No. 410.—Assortment. 12 Paring knives, 6 different blades. Varnished handles. In display case. Per assortment \$ .90

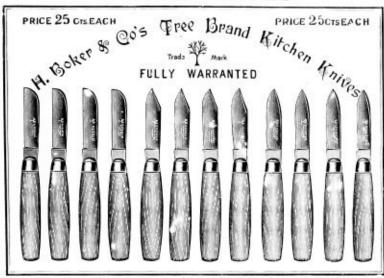


No. 310.—Assortment, 12 paring knives, 6 different blades. Rubberoid handles. In display case Per assortment \$ 1.60

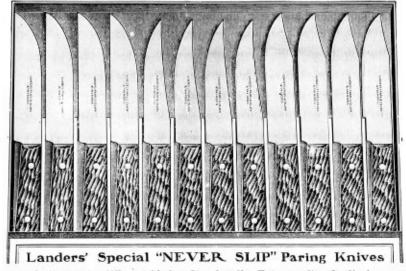




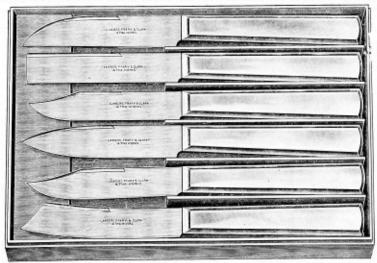
# PARING KNIVES



No. 26.—Tree brand assortment. 12 paring knives, 4 each of 3 different biades. Extra quality steel. Crocus finished pocket knife pattern blades. Varnished natural finished handles. In display case,....Per assortment \$ 4.00

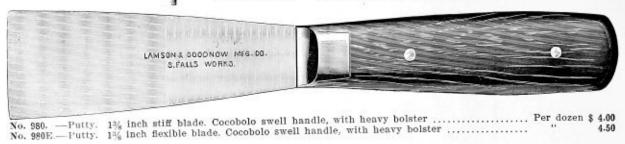


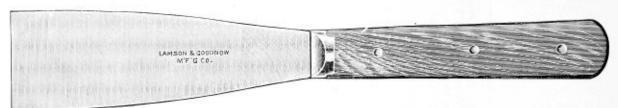
No. 0155.—Assortment. 12 knives asst 3 different blades. Stag handle. Extra quality. In display case. Per assortm't \$ 2.70

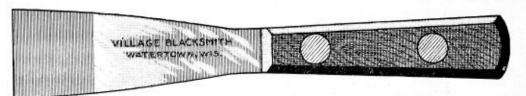


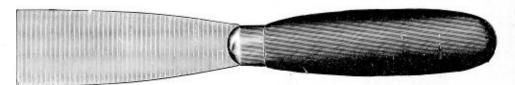


# PUTTY KNIVES

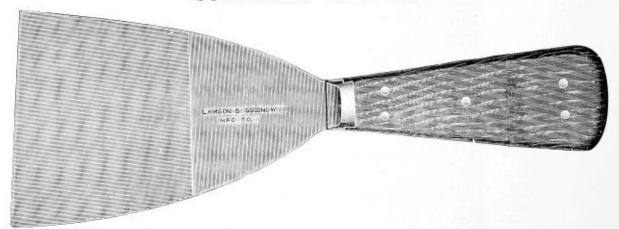








# SCRAPING KNIVES



No. 927S.—Scraping. Cocobolo handle, with metal bolster. Special quality. Blade 3 inches wide ..... Per dozen \$ 8.00 One-half dozen in a box.

"STERUNG BRAND FOR QUALITY STANDS"



# KNIVES SHOE

No. 2T.—Tubb's. Square point. Steel blade 3½ inches long. With ferrule. Oil stained handle ...... Per dozen \$ 1.50 One dozen in a box.



No. 2H.—Harrington's. Square point. Silver steel blade 3 in, long. With ferrule, Large plain handle. Per dozen \$ 1.80 One dozen in a box.







DEXTER

No. 2157.—Banana. 7 inch cast steel slender blade. Steel ferrule. Burnt riveted handle ... Per dozen \$ 8.00 One-half dozen in a box.

OIL CLOTH OR LINOLEUM

DEXTER

No. 750.—Oil Cloth or Linoleum. 3½ inch heavy cast steel blade. Steel ferrule. Burnt riveted handle. Per doz. \$ 12.00 One-half dozen in a box.

"STERUNG BRAND FOR QUALITY STANDS"

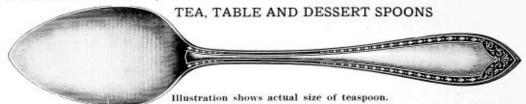


# COMMUNITY SILVER PLATED WARE

#### SHERATON PATTERN

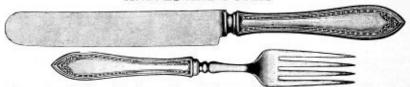
FRENCH GRAY FINISH. 16 OUNCE PLATE

Community Silver is a very superior plated ware, with its 16 ounce plate and an additional overlay or round disc of silver on the wearing parts of all staple pieces, such as spoons, forks and ladles. A veritable armor plate of pure silver which in ordinary use will wear a life-time. Community designs possess the true beauty, individuality and delicacy of ornament as well as the superior finish usually found only in the best Sterling.

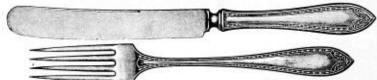


No. 9602.—Tea Spoons.	One-half dozen in a box	Per dozen \$	7.50
No. 9603.—Dessert Spoons.	One-half dozen in a box	"	13.50
No. 9605.—Table Spoons.	One-half dozen in a box	44	15.00

#### KNIVES AND FORKS

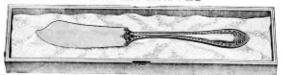


No	9807. —Combination set. 6 Hollow Handle medium knives and 6 Hollow Handle medium forks. In Satin lined rack box	e 30 00
No	9807B.—Combination set. 6 Hollow Handle medium knives and 6 Hollow Handle medium forks. In flan-	
No	nel bags	30.00
No	ium forks. In satin lined rack box	30.50
1400	ium forks. In flannel bags	30.50





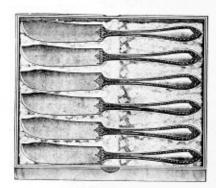
#### BUTTER KNIVES



No. 9695.—Butter knives. 1 in satin lined box. Each \$ 1.60 BUTTER KNIFE AND SUGAR SHELL SETS



#### BUTTER SPREADERS



STERUNG BRAND FOR QUAUTY STANDS

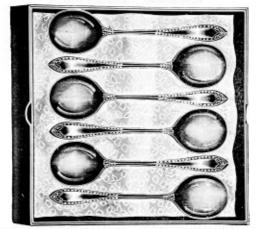


## COMMUNITY SILVER PLATED WARE

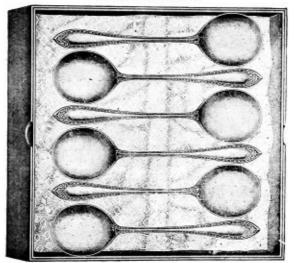
#### SHERATON PATTERN

FRENCH GRAY FINISH. 16 OUNCE PLATE

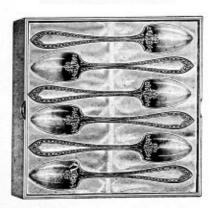
#### BOUILLON SPOONS



#### SOUP SPOONS

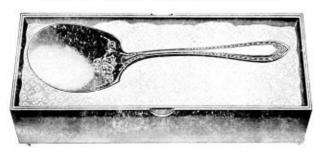


#### ORANGE SPOONS



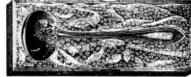
No. 9641.—Orange spoons. 6 in a satin lined box......Per set (6) \$ 5.00

#### BERRY AND PRESERVE SPOONS



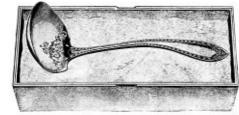
No. 9620.—Berry spoons. 1 in satin lined box. Ea. \$ 2.85 No. 9647.—Preserve spoons. 1 in satin lined box " 2.10

#### CREAM LADLES



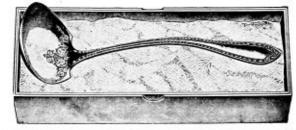
No. 9715.—Cream ladles. 1 in satin lined box. Each \$ 2.00

#### GRAVY LADLES



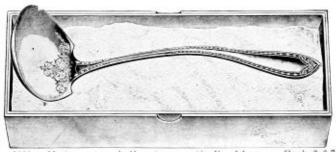
No. 9717 .- Gravy ladles. 1 in satin lined box. Each \$ 2.50

#### OYSTER LADLES



No. 9719 .- Oyster ladles. 1 in satin lined box. Each \$ 5.50

#### MEDIUM SOUP LADLES



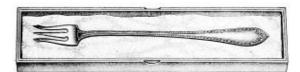
No. 9721. - Medium soup ladles, 1 n a satin lined box.... Each \$ 6.75

"STERUNG BRAND FOR QUALITY STANDS"

# COMMUNITY SILVER PLATED WARE

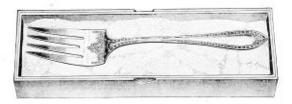
SHERATON PATTERN FRENCH GRAY FINISH. 16 OUNCE PLATE

#### PICKLE FORKS



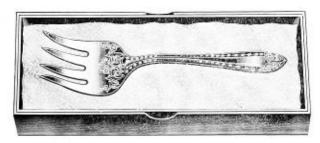
No. 9682 .- Pickle Forks. 1 in satin lined box. Each \$ 1.50

#### COLD MEAT FORKS



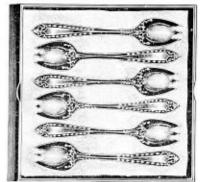
No. 9667 .- Cold Meat Forks. 1 in satin lined box. Ea \$ 1.75

## SALAD SERVING FORKS

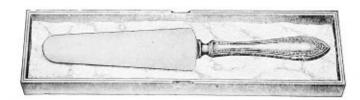


No. 9687.—Salad Serving Fork. 1 in satin lined box ...... Each \$ 3.75

#### ICE CREAM FORKS

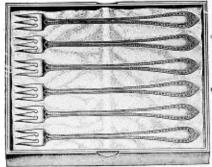


#### PIE OR ICE CREAM SERVERS

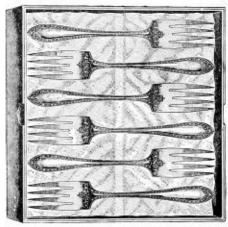


No. 9710.—Pie or Ice Cream Servers, 1 in satin lined box. Ea. \$ 4.50

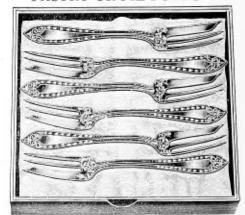
#### OYSTER FORKS



#### INDIVIDUAL SALAD FORKS



#### PASTRY OR PIE FORKS



No. 9660.—Pastry or pie forks. 6 in a satin lined box. Per set (6) \$ 7.50

#### SUGAR TONGS



No. 9709.—Sugar tongs. 1 in a satin lined box ...... Each \$ 2.00

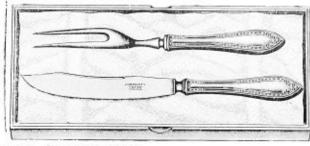
STERUNG BRAND FOR QUALITY STANDS



SHERATON PATTERN

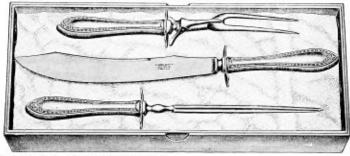
FRENCH GRAY FINISH. 16 OUNCE PLATE

CARVERS



No 9728 .- Small two piece carvers. In satin lined box

..... Per pair \$ 9.20



No. 9725.—Large three piece carvers. In satin lined box .....

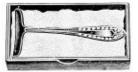
..., Per set \$ 20.00

#### BABY SPOONS



No. 9619 .- Baby spoons. 1 in a satin lined box. ..... \$ 1.00 Each

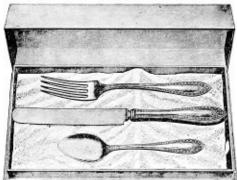
FOOD PUSHERS



No. 9627 .- Food pushers. 1 in a satin lined box. Each ..... \$ 1.00

CHESTS

#### CHILD'S SET



No. 9735. Child's set. Consisting of Hollow Handle knife, flat handle fork and spoon. In satin lined box ...... Per set
No. 9737.—Child's set. Consisting of Flat Handle ... Per set \$ 3.70 knife, fork and spoon. In satin lined box ...... Per set \$ 2.60





CONTENTS OF CHESTS. No. 9845 .- 24 piece green snake skin chest, with drawer. Contains 6 teas, 6 tables, 6 medium flat forks and 6 hollow handle medium knives ....... Per set \$ 37.50 No. 9847 .- 26 piece gray snake skin chest, with drawer. Contains 6 teas, 6 tables, 6 medium flat forks, 6 hollow handle medium knives, 1 butter knife and 1 sugar shell. Per set ..... \$ 41.00 No. 9848.—26 piece genuine mahogany chest, with drawer. Contains 6 teas, 6 tables, 6 medium flat forks, 6 hollow handle medium knives, 1 butter knife and 1 sugar shell. Per set ...... \$ 43.00 No. 9849 .- 32 piece genuine mahogany chest, with drawer. Contains 12 teas, 6 tables, 6 medium flat forks, 6 hollow handle medium knives, 1 butter knife and 1 sugar shell. Per set ...... \$ 50.00

No. 9918 .- 36 piece genuine mahogany chest, with drawer. Contains 12 teas, 6 tables, 6 medium flat forks, 6 hollow handle medium knives, 1 butter knife, 1 sugar shell, 1 cold meat fork, 1 berry spoon, 1 gravy ladle and 1 pic-..... Per set \$ 65.00 kle fork .....

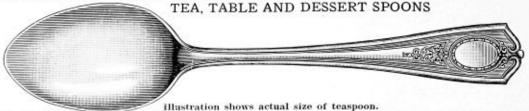
STERUNG BRAND FOR QUALITY STANDS"



## LOUIS XVI PATTERN

#### FRENCH GRAY FINISH, BURNISHED SHIELD. 16 OUNCE PLATE

Community Silver is a very superior plated ware, with its 16 ounce plate and an additional overlay or round disc of silver on the wearing parts of all staple pieces, such as spoons, forks and ladles. A veritable armor plate of pure silver which in ordinary use will wear a life-time. Community designs possess the true beauty, individuality and delicacy of ornament as well as the superior finish usually found only in the best Sterling.



No. 8602.—Tea Spoons.	One-half	dozen	in :	box	***************************************	Per	dozen \$	7.50
No. 8603.—Dessert Spoons.	One-half	dozen	in :	a box			**	13.50
No. 8605.—Table Spoons.	One-half	dozen	in	a box			**	15.00

# KNIVES AND FORKS

No. 8807. —Combination set. 6 Hollow Handle medium knives and 6 Hollow Handle medium forks. I	in satin	
lined rack box		30.00
No. 8807B.—Combination set. 6 Hollow Handle medium knives and 6 Hollow Handle medium forks.	In flan-	
nel bags	Per set	30.00
No. 8748. —Combination set. 6 Hollow Handle medium climeter swaged knives and 6 Hollow Handle 1		
forks. In satin lined rack box	Per set	30.50
No. 8748B.—Combination set. 6 Hollow Handle medium cimeter swaged knives and 6 Hollow Handle r	medium	
forks. In flannel bags	Per set	20 50



## SUGAR SHELLS

#### BUTTER KNIVES

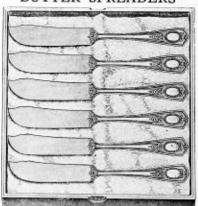


No. 8695.—Butter knives. 1 in a satin lined box. Each ....... \$ 1.60

## BUTTER KNIFE AND SUGAR SHELL SET



## BUTTER SPREADERS



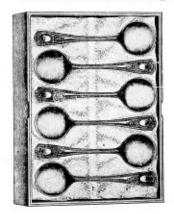
STERLING BRAND FOR QUALITY STANDS"



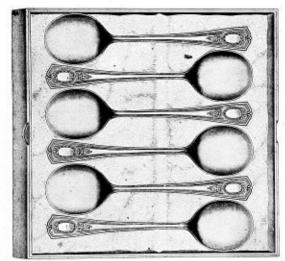
LOUIS XVI PATTERN

FRENCH GRAY FINISH, BURNISHED SHIELD. 16 OUNCE PLATE.

#### BOUILLON SPOONS

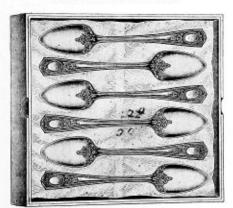


#### SOUP SPOONS



No. 8604.—Soup spoons 6 in a satin lined box. . . . . Per set (6) \$ 8.00

#### ORANGE SPOONS



No. 8641.—Crange spoons. 6 in a satin lined box ...... Per set (6) \$ 5.00

BERRY AND PRESERVE SPOONS



#### CREAM LADLES



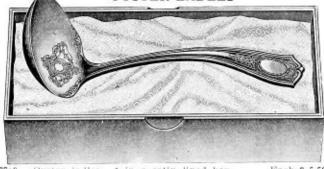
No. 8715.—Cream ladles. 1 in a satin lined box. Each \$2.00

#### **GRAVY LADLES**



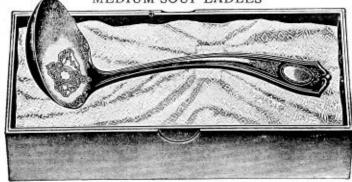
No. 8717.—Gravy ladles. 1 in a satin lined box.

#### OYSTER LADLES



No. 8719.—Oyster ladles. 1 in a satin fined box ..... Each \$ 5.50

#### MEDIUM SOUP LADLES

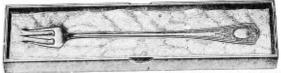


No. 8721.—Medium soup ladles. 1 in a satin lined box Each \$ 6.75

STERLING BRAND FOR QUALITY STANDS"

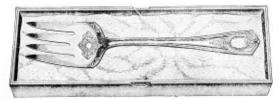
LOUIS XVI PATTERN

FRENCH GRAY FINISH, BURNISHED SHIELD. 16 OUNCE PLATE.
PICKLE FORKS OYSTER FORKS

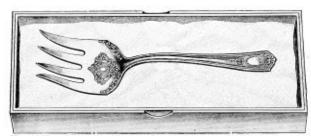


No. 8682.—Pickle forks. 1 in a satin lined box. Each \$ 1.50

#### COLD MEAT FORKS

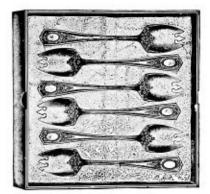


#### SALAD SERVING FORKS

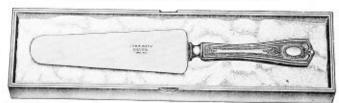


No. 8687.—Saiad serving forks. 1 in a satin lined box ...... Each \$ 3.75

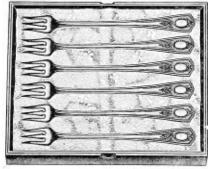
#### ICE CREAM FORKS



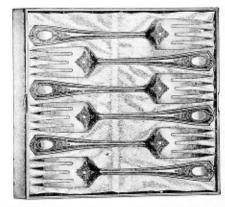
#### PIE OR ICE CREAM SERVERS



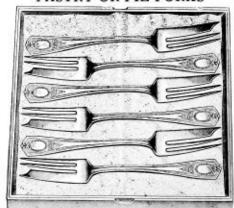
No. 8710.—Pie or ice cream servers. 1 in satin lined box. Each \$ 4.50



#### INDIVIDUAL SALAD FORKS



#### PASTRY OR PIE FORKS



No. 8660.—Pastry or pie forks. 6 in a satin lined box ....... Per set (6) \$ 7.50

#### SUGAR TONGS



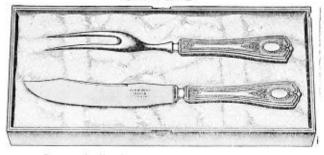
No. 8709.—Sugar tongs. 1 in a satin lined box ...... Each \$ 2.00



LOUIS XVI PATTERN

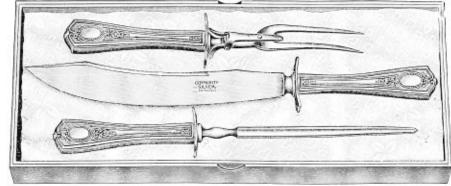
FRENCH GRAY FINISH, BURNISHED SHIELD. 16 OUNCE PLATE.

#### CARVERS



No. 8728 .- Small two piece carvers. In a satin lined box.,

..... Per pair \$ 9.20



No. 8725 .- Large three piece carvers. In satin lined box ... FOOD PUSHERS

..... Per set \$ 20.00

#### BABY SPOONS



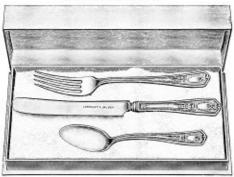
No. 8619.



No. 8627.

No. 8619.--Baby spoons. 1 in a satin lined box. Each \$ 1.00 Food pushers. 1 in a satin lined box. No. 8627.-1.00

#### CHILD'S SET



#### CHESTS



No. 8735 .- Child's set. Consisting of Hollow Handle knife, flat handle fork and spoon. In satin lined box. Per set \$ 3.70 No. 3737.-Child's set. Consisting of Flat Handle knife, fork and spoon. In satin lined box ...... Per set \$ 2.60

#### CONTENTS OF CHESTS.

No. 8845 .- 24 piece green snake skin chest, with drawer. Contains 6 teas, 6 tables, 6 medium flat forks and 6 Hol-

. \$ 41.00 Per set

No. 8848.—26 piece genuine mahogany chest, with drawer.

Contains 6 teas, 6 tables, 6 medium flat forks, 6 Hollow Handle medium knives, 1 butter knife and 1 sugar shell.

Per set

No. 8849.—32 piece genuine mahogany chest, with drawer.

Contains 12 teas, 6 tables, 6 medium flat forks, 6 Hollow

Handle medium knives, 1 butter knife and 1 sugar shell. Per set . . Per set \$ 50.00

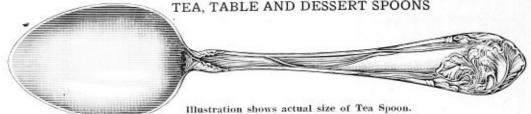
Per set \$\ No. 8918.—36 piece genuine mahogany chest, with drawer.
Contains 12 teas, 6 tables, 6 medium flat forks, 6 Hollow Handle medium knives, 1 butter knife, 1 sugar shell, 1 cold meat fork, 1 berry spoon, 1 gravy ladle and 1 pickle fork ......

STERUNG BRAND FOR QUALITY STANDS"



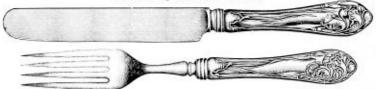
FLOWER-DE-LUCE PATTERN FRENCH GRAY FINISH. 16 OUNCE PLATE

TEA, TABLE AND DESSERT SPOONS



No. 1602.—Tea Spoons. 13.50 No. 1603.—Dessert Spoons. One-half dozen in a box No. 1605.—Table Spoons. One-half dozen in a box ...... 15.00

#### KNIVES AND FORKS



Combination set. 6 Hollow Handle medium knives and 6 Hollow Handle medium forks. In satia Per set \$ 30.00 lined rack box Combination set. 6 Hollow Handle medium knives and 6 Hollow Handle medium forks. In flan-No. 1807B .-Per set 30.00 nel bags 6 Hollow Handle medium cimeter swaged knives and 6 Hollow Handle medium Combination set. In satin lined rack box 30.50 Combination set. 6 Hollow Handle medium cimeter swaged knives and 6 Hollow Handle medium forks. In flannel bags ...... . Per set 30.50



No. 1742.—Combination set. 6 Hollow Handle medium knives and 6 Flat Handle medium forks. In satin lined No. 1801 .-In satin lined rack box ...... Per set 23.00

#### SUGAR SHELLS

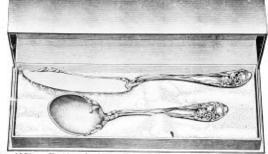


No. 1650 .- Sugar shells. 1 in a satin lined box. Ea. \$ 1.40

#### BUTTER KNIVES

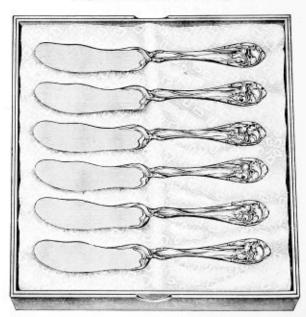


No. 1695.—Butter knives, 1 in a satin lined box, Ea. \$ 1.60 BUTTER KNIFE & SUGAR SHELL SETS



-Butter knife and sugar shell .. Per set \$ 2.75

#### BUTTER SPREADERS



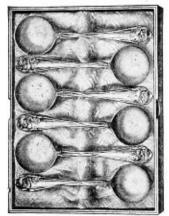
No. 1697.—Butter spreaders, 6 in a satin lined box. Per set (6) ...... \$ 6.25

STERUNG BRAND FOR QUALITY STANDS



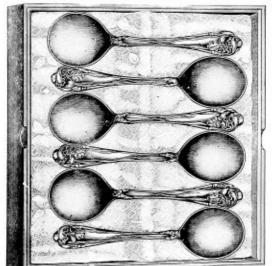
FLOWER-DE-LUCE PATTERN FRENCH GRAY FINISH. 16 OUNCE PLATE

#### BOUILLON SPOONS

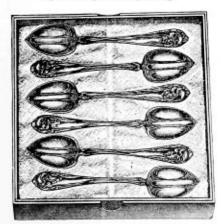


No. 1622.—Bouillon spoons. 6 in a satin lined box ....... Per set (6) \$ 6.50

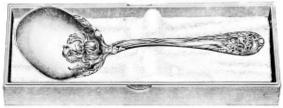
#### SOUP SPOONS



#### ORANGE SPOONS



#### BERRY AND PRESERVE SPOONS



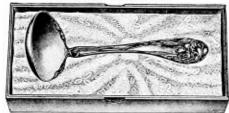
No.		Berry spoons. 1 in a		
No.	1647	Each -Preserve spoons. 1	in a satin	\$ 2.85 lined
		box		

#### CREAM LADLES



No. 1715.—Cream ladles. 1 in satin lined box. Each \$ 2.00

#### GRAVY LADLES



#### OYSTER LADLES

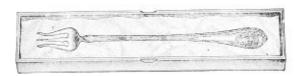




FLOWER-DE-LUCE PATTERN FRENCH GRAY FINISH. 16 OUNCE PLATE.

PICKLE FORKS

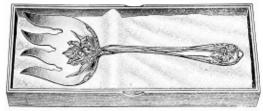
OYSTER FORKS



## COLD MEAT FORKS

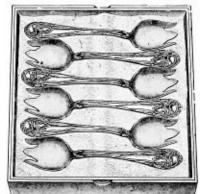


#### SALAD SERVING FORKS



No. 1687.—Salad serving forks. 1 in a satin lined box ...... Each § 3.75

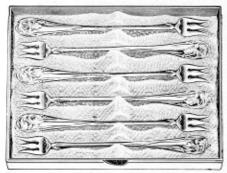
#### ICE CREAM FORKS



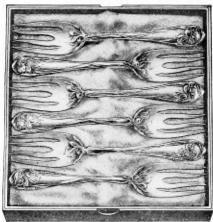
#### PIE OR ICE CREAM SERVERS



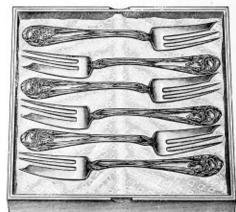
No. 1710.—Pie or ice cream servers. 1 in a satin lined box ...... Each \$ 4.50



#### INDIVIDUAL SALAD FORKS



#### PASTRY OR PIE FORKS



#### SUGAR TONGS

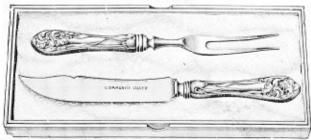


No. 1709.—Sugar tongs. 1 in a satin lined box.

STERUNG BRAND FOR QUALITY STANDS"

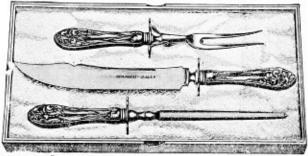


FLOWER-DE-LUCE PATTERN FRENCH GRAY FINISH. 16 OUNCE PLATE CARVERS



No. 1728.—Small two piece carvers. in a satin lined box.....

...... Per pair \$ 9.20



No. 1725.—Large three piece carvers. In a satin lined box......

Per set \$ 20.00

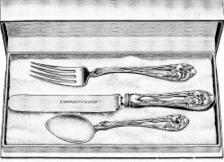
#### BABY SPOONS



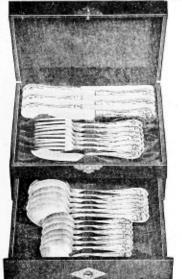
No. 1619.—Baby spoon. 1 in satin lined box. Each \$ 1.00 FOOD PUSHERS



No. 1627 .- Food Pusher. 1 in satin lined box. Each \$ 1.00



CHILD'S SETS



#### CONTENTS OF CHESTS.

No. 1845 .- 24 piece green snake skin chest, with drawer. Contains 6 teas, 6 tables, 6 medium flat forks and 6 hollow handle medium knives ...... Per set \$ 37.50 No. 1847 .- 26 piece gray snake skin chest, with drawer. Contains 6 teas, 6 tables, 6 medium flat forks, 6 hollow handle medium knives, 1 butter knife and 1 sugar shell. Per set ...... \$ 41.00 No. 1848.—26 piece genuine mahogany chest, with drawer. Contains 6 teas, 6 tables, 6 medium flat forks, 6 hollow handle medium knives, 1 butter knife and 1 sugar shell. Per set ...... \$ 43.00 No. 1849.—32 piece genuine mahogany chest, with drawer Contains 12 teas, 6 tables, 6 medium flat forks, 6 hollow handle medium knives, 1 butter knife and 1 sugar shell Per set ...... \$ 50.00 No. 1918 .- 36 piece genuine mahogany chest, with drawer.

"STERUNG BRAND FOR QUALITY STANDS"

#### WILDWOOD PATTERN

#### FRENCH GRAY FINISH. 12 OUNCE PLATE

Reliance Silverware is full triple plated with an additional overlay or round disc of silver on the wearing parts of all staple pieces such as spoons, forks and ladles. The Wildwood Design is a beautiful pattern of the popular French Gray Finish. Reliance Plate in ordinary use is guaranteed to wear for twenty-five years.

#### TEA, TABLE AND DESSERT SPOONS



Illustration	shows	actual	size of	Teaspoon.
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No. 50602.—Tea spoons.	One dozen in a hox	 Per dozen	\$ 3.00
1100 000020 100 0000000		 24	6.33
No. 50603.—Dessert Spoons.	One dozen in a box	 23	
No socos Table Spoons	One dozen in a box	 	7.00

#### KNIVES AND FORKS



No. 50742.—Combination set. 6 Hollow Hanne medium knives and 6 Fiat Handle medium forks. In satin lined rack box Per set \$ 14.25



#### BUTTER KNIVES



No. 50695.—Butter knives. 1 in a satin lined box ......

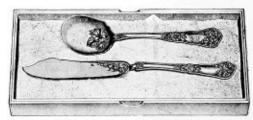
#### Each \$ .75

#### SUGAR SHELLS

#### BUTTER KNIFE AND SUGAR SHELL SET







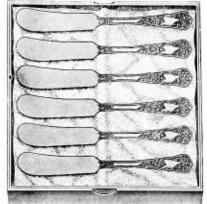
No. 50729.—1 each butter knife and sugar shell.
In satin fined box .......... Per set \$ 1.39



WILDWOOD PATTERN

FRENCH GRAY FINISH. 12 OUNCE PLATE

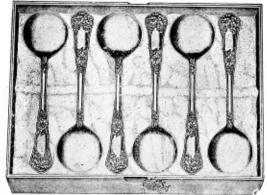
BUTTER SPREADERS

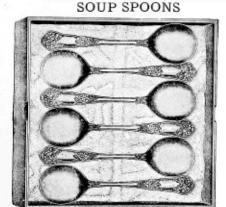


BERRY SPOONS



No. 50620.—Berry spoons. 1 in satin lined box. Each \$ 2.00 BOUILLON SPOONS



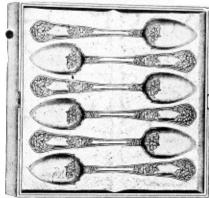


No. 50604.—Soup spoons. 6 in a satin lined box.

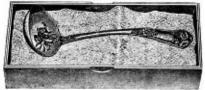
Per set (6)

.... \$ 4-50

ORANGE SPOONS

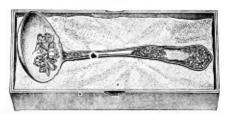


CREAM LADLES

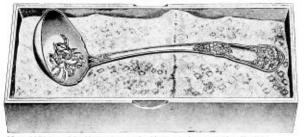


No. 50715.— Cream ladles. 1 in a satin linea box. Each \$ 1.15

GRAVY LADLES



MEDIUM SOUP LADLES



No. 50721.—Medium soup ladles. 1 in a satin lined box ...... Each \$ 4.00

PIE OR ICE CREAM SERVERS



No. 50710.—Pie or ice cream servers. I in a satin lined bex ...... Each \$ 4.00

STERUNG BRAND FOR QUALITY STANDS



WILDWOOD PATTERN

FRENCH GRAY FINISH. 12 OUNCE PLATE

#### PICKLE FORKS



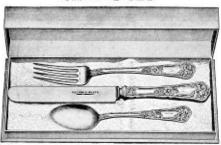
No. 50682 .- Pickle forks. I in satin lined box. Each \$ 1.15

#### COLD MEAT FORKS



No. 50667.—Cold meat forks. 1 in satin lined box. Ea. \$1.25

#### CHILD'S SET



No. 50737.—Child's set. Consisting of flat handle knife fork and spoon. In satin lined box. Set 2.00

#### CHESTS

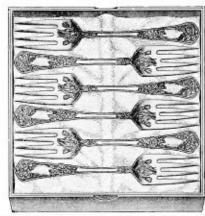


No. 50859.—26 piece oak chest, with drawer. Contains 6 teas, 6 tables, 6 medium flat forks, 6 hollow handle medium knives, 1 butter knife and I sugar chell

and 1 sugar shell ... ... ... Per set \$ 23.50

No. 50854.—26 piece green moreen chest, with drawer Contains 6 teas, 6 tables, 6 flat medium forks, 6 embossed medium knives, 1 butter knife and 1 sugar shell ....... Per set \$ 16.00

#### INDIVIDUAL SALAD FORKS



No. 50627.—Individual salad forks. 6 in a satin lined box . . . . . . . . . . . . Per set (6) \$ 4.25

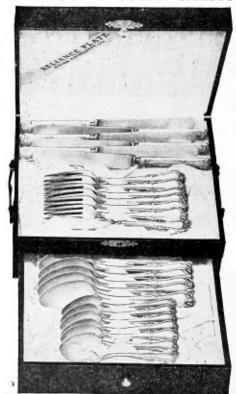
#### BABY SPOONS



#### FOOD PUSHERS



#### KENWOOD PATTERN CHESTS



STERUNG BRAND FOR QUALITY STANDS



#### KENWOOD PATTERN

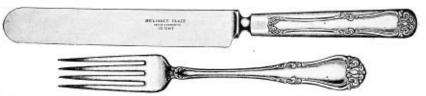
BRIGHT FINISH. 12 OUNCE PLATE

TEA TABLE AND DESSERT SPOONS



	Illustration shows actual size of teaspoon.		
No. 51602.—Tea Spoons.	One dozen in a box	Per dozen f	\$ 3.50
No. 51603.—Dessert Spoons.	One dozen in a box	**	6.33
No. 51605.—Table Spoons.	One dozen in a box	+5	7.00

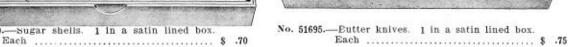
#### KNIVES AND FORKS



#### SUGAR SHELLS

#### BUTTER KNIVES





#### RELIANCE SILVER PLATED KNIVES and FORKS



No. 53758.—Combination set. 6 plain medium knives and 6 plain medium Jumbo forks. In unlined rack box.

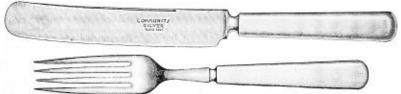
Per set

No. 53762.—Combination set. 6 satin handle medium knives and 6 satin handle medium Jumbo forks. In unlined rack box

Per set

7.25

#### COMMUNITY SILVER PLATED KNIVES AND FORKS



No. 2691.—Plain medium knives, round handle. No. 12 pattern, 16 dwt. grade	Per dozen	\$ 9.00
No. 2767.—Satin medium knives, round handle. No. 12 pattern, 16 dwt. grade	11	9.00
No. 2670.—Plain medium forks, round handle. No. 12 pattern, 16 dwt. grade	**	9.00
No. 2772.—Satin medium forks, round handle. No. 12 pattern, 16 dwt. grade	**	9.00
No. 2750.—Combination set. 6 plain medium knives and 6 plain medium Jumbo forks. 16 dwt. I rack box	In unlined	9.00
No. 2754.—Combination set. 6 satin handle medium knives and 6 satin handle medium Jumbo fork In unlined rack box		9.00

Illustration shows actual size of teaspoon.

#### VINTAGE PATTERN

FRENCH GRAY FINISH. X.S. TRIPLE PLATE

#### TEA SPOONS



Vintage Tea Spoons. X. S. Triple plate. Per dozen \$ 4.75 One dozen in a box.

## DESSERT SPOONS



Vintage Dessert Spoons. X. S. Triple plate. Per doz. \$8.50 One dozen in a box.

#### TABLE SPOONS

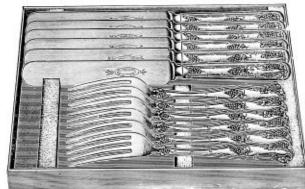


Vintage Table Spoons, X. S. Triple place . .

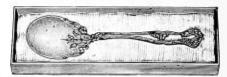
One dozen in a box.

..... Per dozen \$ 9.50

#### KNIVES AND FORKS



#### SUGAR SHELLS



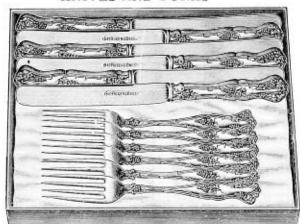
Vintage Sugar Shells. X. S. Triple plate. In satin lined box ...... Each \$ .88

#### BUTTER KNIVES



Vintage Butter Knives. Twist pattern. X. S.
Triple plate. In satin lined box ...... Each \$ 1.00

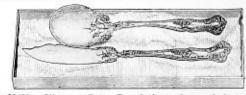
#### KNIVES AND FORKS



No. 10872v.—vintage Combination Set. Consisting of 6 hollow handle medium knives and 6 flat handle medium forks. X. S. Triple plate. Per set

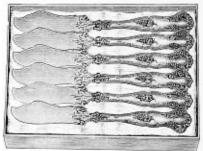
One set in a satin lined rack box.

#### BUTTER KNIFE AND SUGAR SHELL SET



No. 604V.—Vintage Set. Consisting of 1 each butter knife, twist pattern and sugar shell. X. S. triple plate. In satin lined box ....... Per set \$ 1.83

#### BUTTER SPREADERS



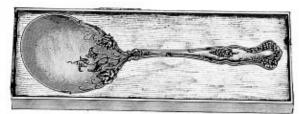
.... Per set \$ 16.00 Vintage Butter Spreaders. X. S. triple plate. 6 rack box. in satin lined rack box .......... Per set (6) \$ 4.25 Above illustrations are two-fifths actual size.



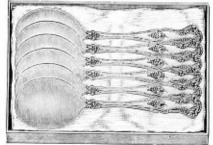
VINTAGE PATTERN

FRENCH GRAY FINISH. X.S. TRIPLE PLATE

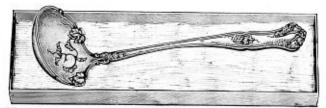
#### BERRY SPOONS



#### SOUP SPOONS



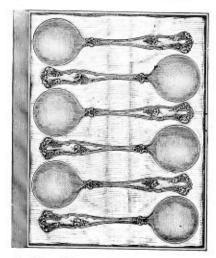
#### LADLES



Vintage Cream Ladles. X. S. Triple plate .. Each \$ 1.13 Vintage Gravy Ladles. X. S. Triple plate .. " 1.50 Vintage Medium Ladles. X. S. Triple plate " 4.00

One in satin lined box.

#### BOUILLON SPOONS

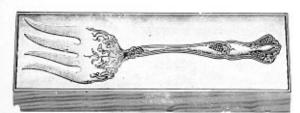


#### COLD MEAT FORKS

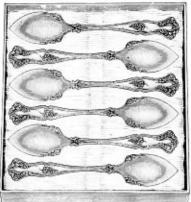


Vintage Cold Meat Forks. N. S. Triple plate. In satin lined box ...... Each \$ 1.25

#### SALAD SERVING FORKS



#### ORANGE SPOONS



#### PIE SERVERS



Vintage Pie Servers. Hollow handle. X. S. Triple plate. In satin lined box ...... Each \$ 3.00

#### LONG PICKLE FORKS



Vintage Pickle Forks. Long pattern. X. S. Triple plate. In satin lined box ...... Each \$ 1.13

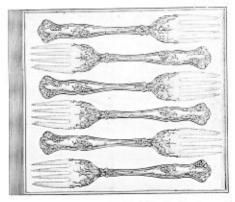
Above illustrations are two-fifths actual size.
"Sterung Brand For QUALITY STANDS"

VINTAGE PATTERN

FRENCH GRAY FINISH. X.S. TRIPLE PLATE

PASTRY OR PIE FORKS

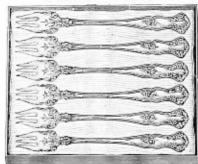
OYSTER FORKS



Vintage Pastry Forks. X. S. Triple plate. 6 in satin lined box ...... Per set (6) \$ 4.75

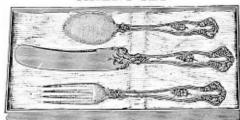
INDIVIDUAL SALAD FORKS

Vintage Individual Salad Forks, X. S. Triple plate 6 in satin lined box ...... Per set (6) \$ 4.75



Vintage Oyster Forks. X. S. Triple plate. 6 in satin lined box . . . . . . Per set (6) Per set (6) \$ 3.15

CHILD'S SET



No. 11av.—vintage Child's Set. Consisting of child's knife, fork and spoon, X. S. triple plate. In satin lined box ...... Each \$ 2.00

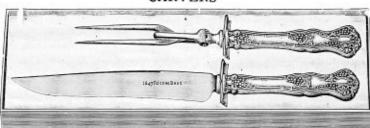
BABY SPOONS

FOOD PUSHERS

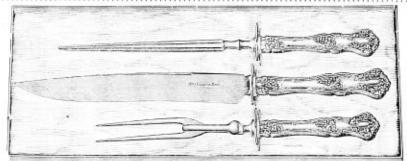


Vintage Baby Spoons. X. S. Triple plate. In satin lined box Each
Vintage Food Pushers. X. S. Triple plate. In satin lined box ..... Each

CARVERS



Vintage Bird Carvers. 6 such steel blade. Hollow handle, X S Triple plate, Knife and fork, In satin lined box. Per pair .....



Vintage Beef Carvers 9 iach steel blade. Hollow handle, X. S. Triple plate. Knife, fork and steel. In satin Per set \$ 10.00



#### SHARON PATTERN

FRENCH GRAY FINISH, BURNISHED SHIELD, X.S. TRIULE PLATE

TEA SPOONS



Sharon Tea Spoons. X. S. Triple plate. Per dozen \$4.75 One dozen in a box.

Sharon Dessert Spoons, X. S. Triple plate, Per doz. \$ 8.50 One dozen in a box.

#### TABLE SPOONS

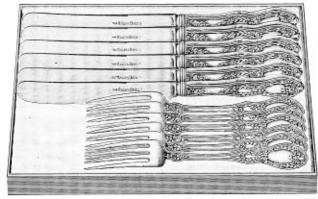


Sharon Table Spoons. X. S. Triple plate .....

...... Per dozen \$ 9.50

# One dozen in a box.

## KNIVES AND FORKS



One set in a satin lined rack box.

#### SUGAR SHELLS



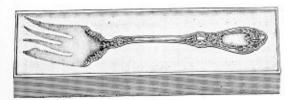
Sharon Sugar Shells. X. S. Triple plate. In satin lined box ...... Each \$ .88

#### BUTTER KNIVES



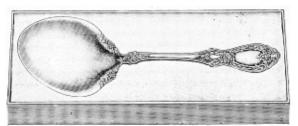
Sharon Butter Knives. Twist pattern, X. S. Triple piate. In satin lined box ...... Each \$ 1.00

#### COLD MEAT FORKS



Sharon Cold Meat Forks. X S. Triple plate. In satin lined box ..... Each \$ 1.25

#### BERRY SPOONS



Sharon Berry Spoons. X. S. Triple plate. In satin lined box ...... Each \$ 2.00

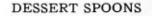
Above illustrations are two-fifths actual size.

"STERUNG BRAND FOR QUALITY STANDS"

#### FANEUIL PATTERN

BRIGHT BURNISHED FINISH. X.S. TRIPLE PLATE.

TEA SPOONS





Fancuil Tea Spoons. X. S. Triple plate. Per dozen .....

. . . . . . . . \$ 4.75 One dozen in a box.

Fancuil Dessert Spoons X. S. Triple plate.

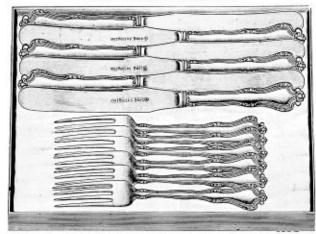
Per dozen ...... \$ 8.50 One dozen in a box.

TABLE SPOONS



..... Per dozen \$ 9.50

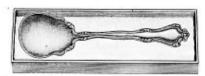
KNIVES AND FORKS



No. 1581/2F.—Faneuii Combination Set. Consisting of 6 hollow handle medium knives and 6 flat handle medium forks. X S. Triple plate ..... ...... Per set \$ 12.75 One set in a satin lined rack box.

SUGAR SHELLS

#### BUTTER KNIVES



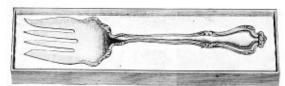
Faneuil Sugar Shells. X. S. Triple Plate. In satin lined box ..... Each \$ .88



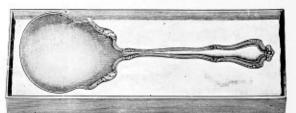
Faneuil Butter Knives. Twist Pattern. Triple plate. In satin lined box ...... Each \$ 1.00

BERRY SPOONS

## COLD MEAT FORKS



Faneuil Cold Meat Forks. X. S. Triple plate. In satin lined box ..... Each \$ 1.25



Faneuil Berry Spoons. X. S. Triple plate. In satin lined box .....

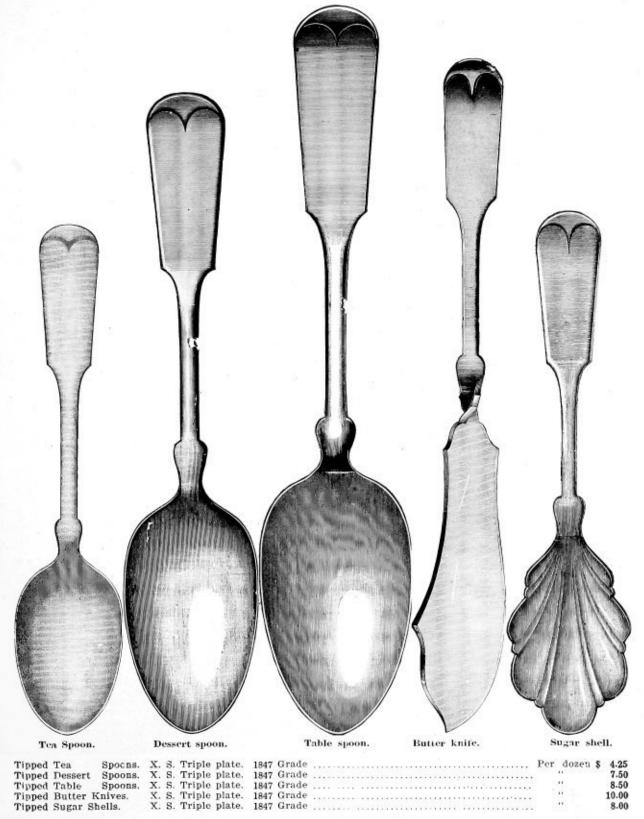
Above illustrations are two-fifths actual size.

STERUNG BRAND FOR QUAUTY STANDS"

# STERLIN G

# 1847 ROGERS BROS.' PLATED WARE

TIPPED PATTERN. X. S. TRIPLE PLATE



One dozen in a box.

Above illustrations are actual size.

# 1847 ROGERS BROS.' PLATED KNIVES AND FORKS



No. 1847M. -Pain medium knives. Round handle. No. 12 pattern, 16 dwt. grade . . . . . . Per dozen \$ 7.00



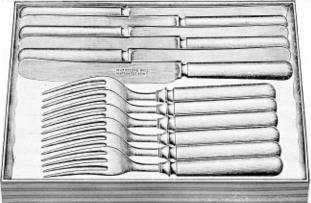
No. 1847C. —Cimeter medium knives. Round handle. No. 12 pattern, 16 dwt. grade ....... Per dozen \$ 7.40



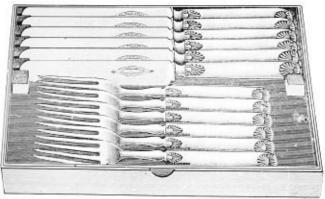
No. 1847F. —Plain medium forks. Round handle. No. 12 pattern, 16 dwt. grade ....... Per dozen \$ 7.00

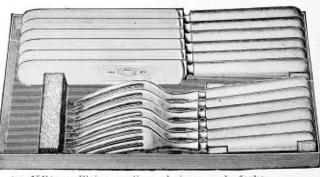






No. 1631/2.—Hollow handle knives and forks. Plain pattern, round handle. Medium. 16 dwt. grade ..... Per set \$ 9.00
One set in a rack box.





5E ....

Illustrations in cases are two-fifths actual size.

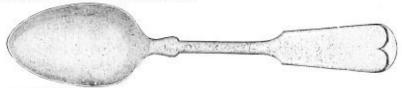




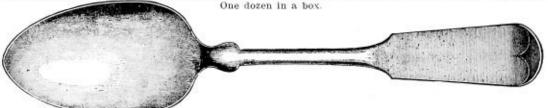
# WM. ROGERS MFG. CO.'S PLATED WARE

TIPPED PATTERN, BRIGHT FINISH

Silver plated flat ware stamped & ROGERS XII is heavily silver plated on the finest quality nickel silver base. All Tea, Dessert and Table Spoons and Medium Forks are plated XII or Sectional plate on parts most exposed to wear and are guaranteed to give perfect satisfaction.











WM. ROGERS & SON PLATED KNIVES AND FORKS

Triple plated solid steel knives and nickel silver forks bearing the above trade mark are warranted to strip 12 Dwt. of silver and guaranteed by the manufacturer to give perfect satisfaction.





All above illustrations are three-fourths actual size.

"STERUNG BRAND FOR QUAUTY STANDS"



## WM. ROGERS MFG. CO.'S PLATED WARE

#### BEAUTY PATTERN

#### FRENCH GRAY FINISH, BURNISHED SHIELD

Silver plated flat ware stamped 3 ROGERS 3 XII is heavily silver plated on the finest quality nickel silver base. All Tea, Dessert and Table Spoons and Medium Forks are plated XII or sectional plate on parts most exposed to wear and are guaranteed to give perfect satisfaction.









No. 1338.—Beauty Butter Knife and Sugar Shell Set. AA or extra plate. In satin lined box ........... Per set \$ 1.32



Beauty Hollow Handle Knife. Packed in Combination sets with Flat Handle forks as below.



Above illustrations (except butter knife and sugar shell set) are three-fourths actual size.

STERUNG BRAND FOR QUALITY STANDS



# WM. ROGERS MFG. CO.'S PLATED WARE

#### ARGYLE PATTERN.

#### BRIGHT BURNISHED FINISH

Silver plated flat ware stamped ROGERS XII is heavily silver plated on the finest quality nickel silver All Tea, Dessert and Table Spoons and Medium Forks are plated XII or Sectional plate on parts most exposed to wear and are guaranteed to give perfect satisfaction.



Argyle Tea Spoons. XII or Sectional plate .........

..... Per dozen \$ 3.42

One dozen in a box.



Argyle Dessert Spoons. XII or Sectional plate ...

Per dozen \$ 6.12

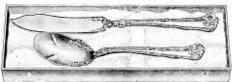
One dozen in a box.



Argyle Table Spoons. XII or Sectional plate .....

..... Per dozen \$ 6.84

One dozen in a box.



No. 133A.—Argyle Butter Knife and Sugar Shell Set. AA or Extra plate. In satin lined box ....... Per set \$ 1.32

One-half dezen in a box.



Argyle Hollow Handle Knife. Packed in Combination sets with Flat Handle forks as below.



Argyle Combination Set. Consisting of 6 hollow handle medium knives, quadruple silver plate and 6 flat han-

One set in a satin lined rack box.

Above illustrations (except butter knife and sugar shell set) are three-fourths actual size.

STERUNG BRAND FOR QUALITY STANDS"



# ROGERS CUTLERY CO.'S PLATED WARE

ROSE PATTERN. GRAY FINISH

Silver plated ware hearing the trade mark R. C. Co. is silver plated on nickel silver.



Rose Tea Spoons. Per dozen \$ 1.90
One dozen in a box.



Rose Dessert Spoons ...... Per dozen \$ 3.40





Rose Sugar Shells ...... Per dozen \$ 3.40





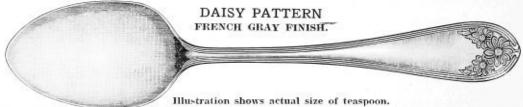
Rose Flat Handle Knife. Packed in Combination Sets with Flat Handle Forks as below.



Rose Combination Set. Consisting of 6 solid handle medium steel knives and 6 flat handle medium forks. Per set \$ 4.10

One set in a rack box.

All above illustrations are three-fourths actual size.



Daisy Tea Spoons. One dozen in a box
Daisy Dessert Spoons. One dozen in a box
Daisy Table Spoons. One dozen in a box

"4.50

5.00

Dalsy Pattern is full extra plate and warranted. "SIERLING BRAND FOR QUALITY STANDS"



# KNIVES AND FORKS

TINNED STEEL



Knife in Set No. 6870.

Fork in Set No. 6870, Also illustrates No. 900 Fork only.

No. 6870.—Steel medium knives and forks. Tinned. Round handle knives and tipped pattern forks. ... Per set \$ 1.20

One set in a box.

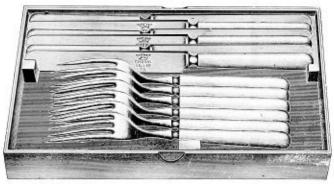
## TINNED STEEL. JUMBO PATTERN



No. 6867.—Steel medium knives and forks. Tinned. Round handle knives and Jumbo pattern forks . . . Per set \$ 1.56

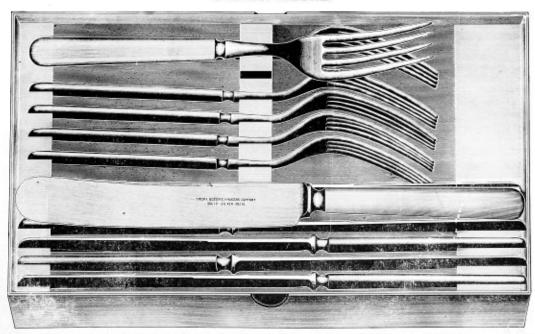
One set in a box.

#### CROWN. SILVER PLATED



Crown.—Silver plated on vickel. Round handle steel knives. Hard metal hollow bolster forks, Medium. Per set \$ 3.00 One set in a box.

#### SILVER METAL



Silver Metal.—Solid silver metal cimeter blade medium knives and medium forks. One set in a box ...... Per set \$ 4.50

# TEA AND TABLE SPOONS





 No. 34T.—Tea Spoons.
 Beaded nickel silver.
 Per dozen \$ 1.50

 No. 34D.—Dessert Spoons.
 Beaded nickel silver.
 2.50

 No. 34. —Table Spoons.
 Beaded nickel silver.
 3.00

 Two dozen in a box.



No. 31T.—Tea Spoons.

No. 31. —Table Spoons.

Rogers nickel silver.

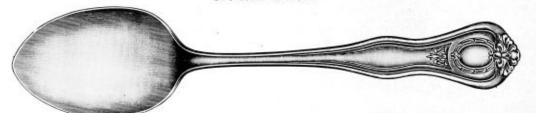
Tipped pattern

Tipped pattern

Two dozen in a box.

Per dozen \$ 1.50

3.00





 No. 24T.—Tea Spoons.
 Nickel silver.
 Tipped pattern.
 Per dozen \$ 1.20

 No. 24.
 —Table Spoons.
 Nickel silver.
 Tipped pattern.
 2.40

Two dozen in a box.

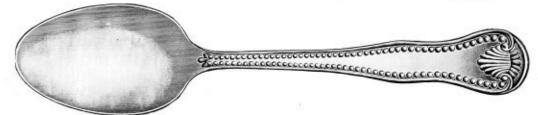




# TEA AND TABLE SPOONS



No. 45.—Tea Spoons. No. 90.—Table Spoons.



Malacca plated silver steel. Beaded pattern fiddle handle. One-fourth gro. in box. Per gro. \$ 4.50 No. 200.—Tea Spoons. No. 400.—Table Spoons. Malacca plated silver steel. Beadedpattern fiddle handle. One-sixth gro. in box ...



No. 750T.—Tea Spoons. No. 750. —Table Spoons.

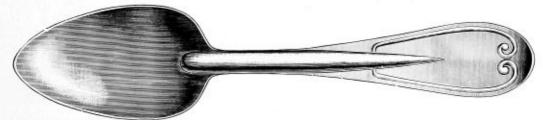
Malacca plated silver steel. Beaded pattern. One-fourth gross in a box. Per gross \$ 4.00 Malacca plated silver steel. Beaded pattern. One-sixth gross in a box " 8.00



No. 950T .- Tea Spoons. No. 950. -Table Spoons. Malacca plated silver steel. Shell handle. One-fourth gross in a box ... Per gross \$ 3.50 Malacca plated silver steel. Shell handle. One-sixth gross in a box .... "7.00



No. 900T.—Tea Spoons. No. 900D.—Dessert Spoons. No. 900. -Table Spoons.

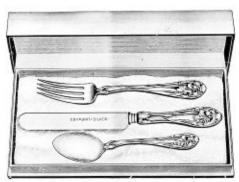


Tinned iron One-half gross in a box ...... Per gross \$ 1.50

3.00

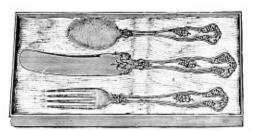
"STERUNG BRAND FOR QUALITY STANDS"

## CHILD'S SETS





No. 8737 .- Flat handle knife fork and spoon "



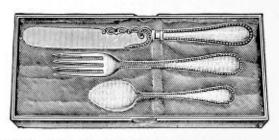
Vintage.—3 piece set. 1847 Rogers Silver, X. S. Triple plate. Flat handle knife, fork and spoon. In satin lined box . . . . . . Per set \$ 2.20



No. 587. —3 piece set. Silver plated on nickeled silver. Steel knife. Fancy fork and spoon. In satin lined box. Per dozen sets \$ 13.00

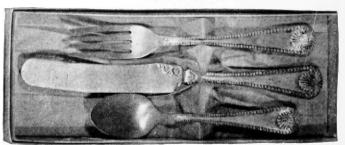
No. 587P.—3 piece set. Pearl handle Sterling bolster knife, fancy fork and spoon. In satin lined box. Per dozen sets \$ 27.00





No. 215.—3 piece set. Plated. Fancy handle knife, fork and spoon. In satin lined box. Per doz. sets \$4.00

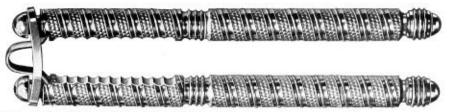




No. 69.—3 piece set. Tinned. Fancy handle knife, fork and spoon. In lined box. Per dozen sets \$ 1.50 All above one dozen sets in a box.



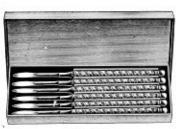
## NUT CRACKS AND PICKS

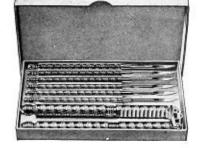


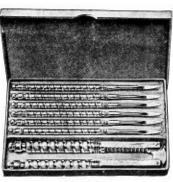
No. 22 .- Nut Crack. Steel, chased and heavily nickel-plated. New style head with spring-always ready for use. Sharp corrugations ..... ..... Per dozen \$ 1.80 One dozen in a box.



No. 21.—Nut Crack. Steel, plain head, chased handles all heavily nickel-plated. Spring head makes the crack One dozen in a box.







No. 120.—Nut Picks. Full nickel-plated. 6 picks to a set. Each set in a neat paper box ....... Per dozen sets No. 122.—Nut crack, spring head, and six picks. Full nickel-plated. Each set in neat paper box "
No. 42.—Nut crack, spring head, and six picks. Finely nickel-plated. Each set in ribbon cloth lined paper box. .... Per dozen sets \$ 1.80 box " " 4.00 4.00

Per dezen sets ..... 8.00







No. 40S

No. 958

No. 908 .- Nut crack, spring head and six picks. Silver plated. In hand rubbed hinged wood case lined with Per dozen sets \$ 12.00 ribbon cloth ..... No. 40S .- Nut crack, spring head and six picks. Silver plated. In handsome cherry wood hinged case, lined

Per dozen sets 18.00 with ribbon cloth .....

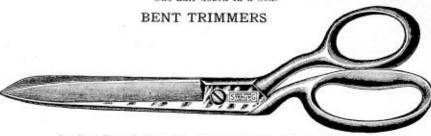
No. 958.—Two nut cracks, spring head, and twelve picks. Silver plated. In handsome hand rubbed hinged case, lined with ribbon cloth .....

# STERLING SHEARS



Sterling Straight Trimmers. Oval	pattern.	Full nickel-plated.
----------------------------------	----------	---------------------

No. 9123.—Inches	6	7	71/2	8	9	10
Per dozen	\$ 13.00	15.00	16.00	17.00	21.00	27.00
No. 9125.—Left Hand. Inches Per dozen				3 21.00		8½ 23.00
One-half doze				4		20.00

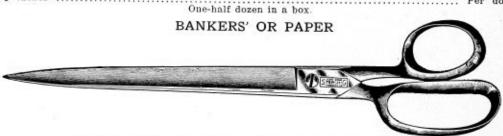


#### Sterling Bent Trimmers. Beveled Blades. Full nickel-plated.

Per dozen	.00 18.00	24.00
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Sterling Editors' or Desk Scissors. Beveled blades. Full nickel-plated and polished.



Sterling Bankers' or Paper Shears. Beveled blades. Full nickel-plated.

Per dozen	19	14	16
	34.00	44.00	58.00
One-half dozen in a how			



Sterling Roaching or Horse Clipping Shears. Polished blades. Japanned handle.

No. 9420.—Inches			
Per dos	en	61/2	9
201 902		\$ 30.00	36.00
	One-half dozen in a box.	4 55.00	30.00



## STERLING SCISSORS

BARBERS'



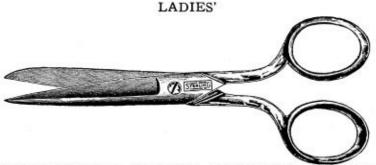
 Sterling Barbers' Shears. Beveled blades. Full nickel-plated.

 No. 9180.—Inches
 7
 7½
 8
 8½

 Per dozen
 \$ 15.00
 16.00
 17.00
 18.00



No. 8180.—7½ inches Orion Barbers' Shears. Beveled blades. Nickel-plated. Per dozen \$ 9.00

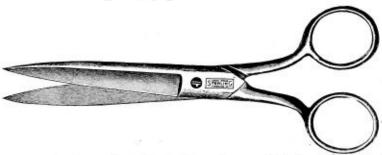


 Sterling Ladies' Scissors. Oval pattern. Polished and full nickel-plated.

 No. 9066.—Inches
 4½
 5
 6

 Per dozen
 \$ 6.50
 7.00
 8.00

LADIES' SHARP POINTS



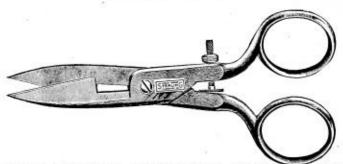
#### EMBROIDERY





## STERLING SCISSORS

BUTTON HOLE



Sterling button hole scissors. Flat pattern. Adjustable screw. Finely finished and full nickel-plated. No. 9080 .- 41/4 inches in length ..... One-half dozen in a box.



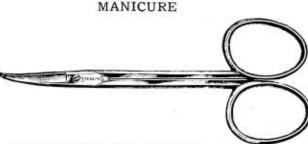
Sterling pocket scissors. Oval pattern. Finely finished and full nickel-plated.

No. 9010.—Inches .... 4 Per dozen \$ 6.50 6 7.00 8.00 9.00 One-half dozen in a box.



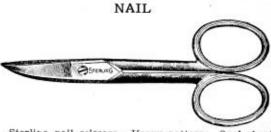
Sterling pocket scissors. Double swaged. Finely finished and full nickel-plated.

No. 9015.—Inches ..... 4 472
Per dozen \$ 7.50 8.00
One-half dozen in a box. 8.50 9.50



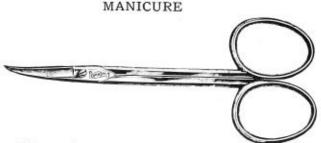
Sterling manicure scissors. Finely tempered curved blades. Extra finished and full nickel-plated.

9.00 One-half dozen in a box.



Sterling nail scissors. Heavy pattern. Oval shank. File blades. Extra finished and full nickel-plated.

9.00 One-half dozen in a box.



Orion manicure scissors. Curved blades. Light pattern. Full nickel-plated.

No. 8095.—31/2 inches in length ...... Per dozen \$ 4.00 One-half dozen in a box.



Orion nail scissors. Heavy pattern. Round shank. Full nickel-plated.

No. 3091.—3½ inches in length ....... Per dozen \$ 4.00 One-half dozen in a box.

STERUNG BRAND FOR QUALITY STANDS"



# SHEARS AND SCISSORS



	Orion Straight Trimmers. Be-			ated.		
No. 050	—Inches	6	7	71/2	8	9
	Per dozen		15.00	16.00	17.00	21.
112	One-half do	zen in a box.				

#### HEINISCH GLASS SHEARS

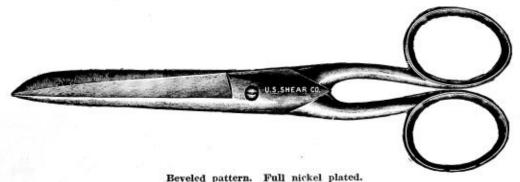


Blunt points. Japanned handles. Nickel-plated blades.		
Length, inches	10	11
Per dozen	\$ 31.00	34.00
One-half dozen in a box.		

LADIES' SCISSORS

Ovel pattern. Hard cast steel. Nickelplated and polished.

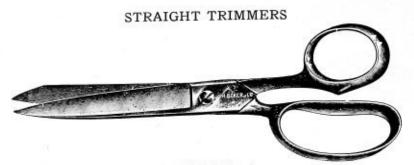
Oval pattern.	Hard cast steel.	Nickel-plated and	1 polished.			
No. 1042.—Inches			41/2	5	51/2	6
Per dozen		\$	4.00	5.50	6.50	7.00
	One-half doze	n in a box.				



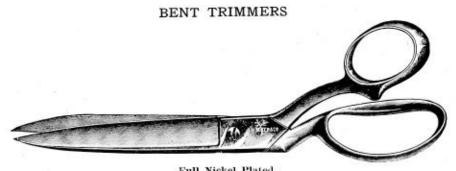
No. 250.—Inches Per dozen	\$ 3.40	5 3.60	5½ 3-80	6 4.00
One half degen in a how				



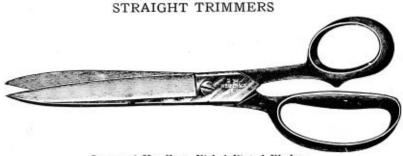
# BOKER'S TREE BRAND SHEARS



	F	ull Nickel I	Plated.	-17	•	01/	0
No. 40.—Inches Per dozen	\$ 13.00	6½ 14.00	7 15.00	16.00	17.00	18.00	21.00
No 90 - Left Hand Inches						7½ 21.00	22.00
Per dozen	One	-half dozen	in a box.				



Full McKel Flated.			
No. 50.—Inches	\$ 17.00	18.00	24.00
One-half dozen in a box.			



	Japanned Handles. Nick	el Piated B	Blades.			
No. 45.—Inches	6	6½ 14.00	7 15.00	7½ 16.00	8 17.00	21.00
	One-half dozen i	n a box.				



Japanned Handles. Nickel Flated Dis	ides.			
No. 55.—Inches	10	11	12	13
Per dozen	\$ 30.00	33.00	36.00	40.00
One-half dozen in a box.				

Boker's American Tree Brand shears, forged and steel laid from the known best grade material. In all essentials—forging, grinding, hardening, tempering, "set", cutting qualities and finish they are the real standard of shears.



## BOKER'S TREE BRAND SHEARS

#### BANKERS' OR PAPER HANGERS'



Japanned Handles. Nickel Plated I	Blades.
-----------------------------------	---------

No. 75.—Inches Per dozen	\$ 34-00	14 44.00
One-half dozen in a box.		

EDITORS' OR DESK



Full Nickel Plated. Ring Bows.

No. 80.—Length, 9 inches	 Per	dozen \$ 21.00	)

One-half dozen in a box.



Full Nickel Plated.			
No. 60.—Inches	7	71/2	8
Per dozen	\$ 15.00	16.00	17.00
One-half dozen in a hov			

#### SOLID FORGED STEEL BARBERS'

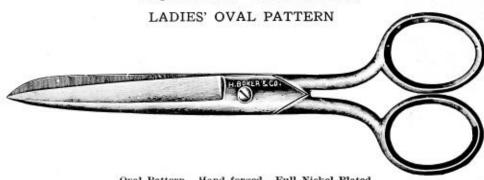


One-half dozen in a box.

Boker's American Tree Brand shears, forged and steel laid from the known best grade material. In all essentials—forging, grinding, hardening, tempering, "set", cutting qualities and finish they are the real standard of shears.







Oval Pattern. Hand forged. Full Nickel Plated.

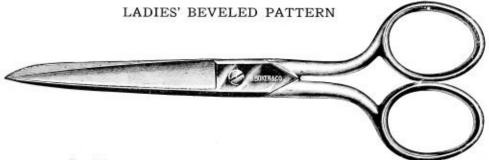
No. 4042.—Inches 4½
Per dozen \$ 7.50 5½ 8-50 9.00 11.00 One-half dozen in a box.

#### LADIES' OVAL PATTERN. SHARP POINTS



Oval pattern. Two sharp points. Hand forged. Full nickel plated.

4½ 8.00 8.50 10.00



Beveled pattern. French bows. Hand forged. Full nickel plated

No. 6426.—Inches Per dozen ..... One-half dozen in a box. \$ 8.00 9.00 10.00



Oval blade. Fire gilded and engraved handles. Hand forged. Full nickel plated.

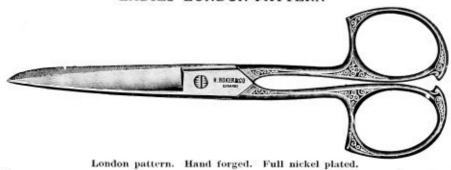
No. 7260.—Inches Per dozen ..... One-half dozen in a box. \$ 9.00

Boker's scissors, strictly hand forged from solid steel of highest grade. Finish and wearing qualities are the best.



#### BOKER'S SCISSORS





No. 7235.—Inches .... 5½ 14.00 Per dozen ,..... .....\$ 12.00 13.00 16.00 One-half dozen in a box.



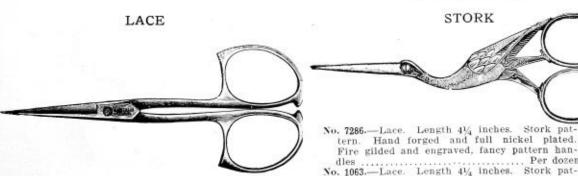
No. 1042L .- Lace. Length 31/2 inches. Full nickel plated. With fine needle points .... Per dozen \$ 4.00 One-half dozen in a box.

No 4042L.—Lace. Length 3½ inches. Hand forged and full nickel plated. With fine needle points.

One-half dozen in a box.

# LACE EMBROIDERY

No. 4053L -Lace. Length 31/2 inches. Hand forged and full nickel plated. Fancy bows. With fine  No. 5922.—Embroidery. Length 3½ inches. Hand forged and full nickel plated. With fire gilded and engraved fancy pattern handles and fine 



No. 7235L.—Lace. Length 31/2 inches. London pattern. Hand forged and full nickel plated. With fine needle points. Dozen \$ 11.00 Fancy bows.

One-half dozen in a box.

Fire gilded and engraved, fancy pattern handles Per dozen \$ 9.00

No. 1063.—Lace Length 4¼ inches. Stork pattern. Hand forged and full nickel plated. Fire

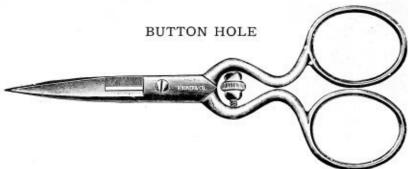
gilded and engraved fancy pattern handles. Extra quality. With fine needle points. Per dozen .. ..... \$ 12-00

One-half dozen in a box.

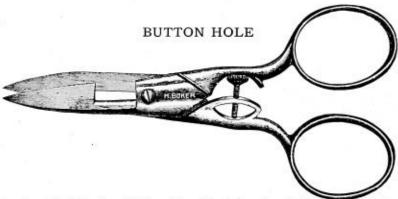
"STERUNG BRAND FOR QUALITY STANDS"



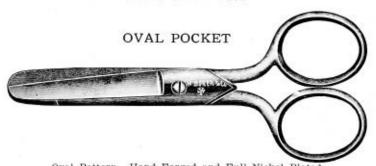
#### BOKER'S SCISSORS



No. 6465.—Button Hole. Length 41/2 inches. Oval pattern. Hand forged and full nickel plated . . . . Per dozen \$ 12.00 One-half dozen in a box.



No. 5831.—Button Hole. Length 41/2 inches. Wide pattern. Hand forged and full nickel plated .... Per dozen \$ 12.00 One-half dozen in a box.



 No. 4042P.—Inches
 4
 4½
 5

 Per dozen
 0ne-half dozen in a box.
 8 7.50
 8.00
 8.50



English Sabre Pattern. Tree brand quality. French bows. Hand forged and full nickel plated. No. 6023P.—Inches 4  $4\frac{1}{2}$  Per dozen \$ 11.00 12.00

One-half dozen in a box.

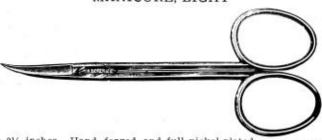
Boker's scissors are strictly hand forged from solid steel of the highest grade. Finish, cutting and wearing qualities the best.

"STERUNG BRAND FOR QUALITY STANDS"



#### BOKER'S SCISSORS

#### MANICURE, LIGHT



No. 5950.—Manicure. Length 3½ inches. Hand forged and full nickel-plated Per dozen \$ 12.00

No. 6196.—Manicure. Length 4 inches. Hand forged and full nickel-plated "12.50

One-half dozen in a box.

#### MANICURE, HEAVY

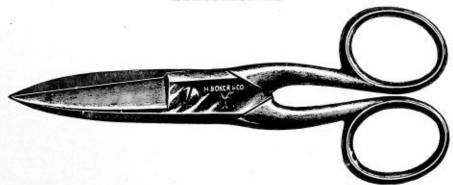


No. 52481/2.—Heavy Manicure. Length 37/8 inches. Hand forged and full nickel-plated ............ Per dozen \$ 13.00 One-half dozen in a box.

#### BENT NAIL



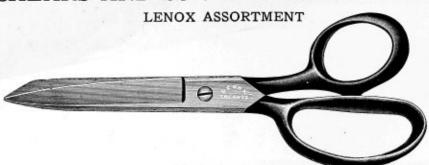
#### ELECTRICIANS'



Boker's scissors are strictly hand forged from solid steel of the highest grade. Finish, cutting and wearing qualities the best.

STERUNG BRAND FOR QUALITY STANDS"

### SHEARS AND SCISSOR ASSORTMENTS

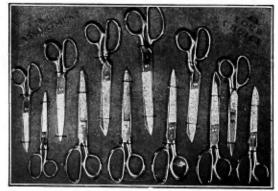


Lenox Shear Assortment —Nickel-plated beveled blades of finest crucible shear steel. Japanned handles. Contains four pairs straight trimmers each 7, 7½ and 8 inches in length . . . . . . . . . . . . . Per Assortment \$ 9.00

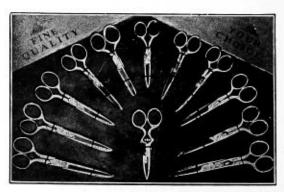








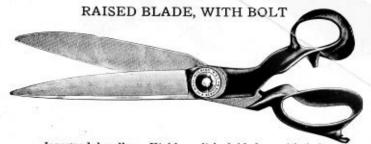
No 138.—Shear Assortment. One dozen assorted sizes straight and bent trimmers. Well finished and adjusted. Put up on a neat easel 'back display card . . . . . Per card \$ 4.90



No. 82.—Scissors Assortment. One dozen assorted ladies', pocket and button-hole Scissors. Well finished and adjusted. Put up on a neat easel back display card. .. Per card \$ 4.00

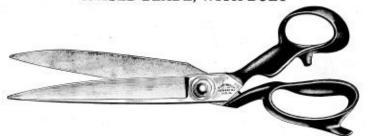


#### HEINISCH'S TAILORS' SHEARS



Japanned handles. Highly polished blades,				-
Nos	5	7	9	1
Fun length, inches	13	14	143/4	153/4
Length of cut, inches	61/2	63/4	71/2	8
Per pair	\$ 8.00	10.00	12.00	14.00
One pair in a hov				

#### RAISED BLADE, WITH BOLT



Japanned handles. His	ghly polished	blades,	with bolt.			
Nos.			3	31/2	4	41/2
w die length, inches			12	121/4	123/4	13
Length of cut, inches			6	61/8	61/4	61/2
Per pair			\$ 3.50	4.00	5.00	6.00
	pair in a box.		10-10-6			

#### RAISED BLADE, PLAIN SCREW



#### STRAIGHT BLADE, PLAIN SCREW



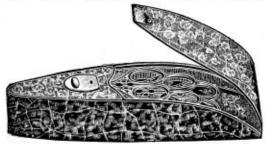
Japanned handles. Highly polished blades. Plain screw and nut.

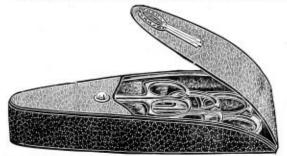
Nos.	00	0
Full length, inches	101/2	111/2
Length of cut, inches	5	55%
Per pair	\$ 2.50	2.75
One pair in a how		

Heinisch's Tailors' Shears are hand forged from highest grade steel by expert workmen. Quality and finish the very best. Every pair rigidly tested and examined and fully guaranteed.

#### BOKER'S TREE BRAND SCISSOR SETS

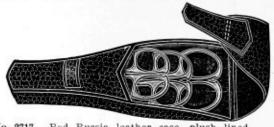






No. 2812.—Green Morocco leather case, silk and plush lined. Fancy gray clasp. Containing 1 pair 3½ in. lace or embroidery scissors; 1 pair 4½ and 5½ in. ladies' cutting scissors, with London pattern bows and shanks, finished in fire gilt. Forged steel blades, finely finished. Each





No. 2717.—Red Russia leather case, plush lined. With slip clasp. Containing 1 pair 3½ in. lace or embroidery scissors; 1 pair each 4½ and 5½ inch ladies' cutting scissors. Slender bows, forged steel blades, crocus finished . . . . . Each § 6.00



No. 2782.—Seal brown leather case, silk and plush lined. Containing 1 pair 3½ in. lace or embroidery scissors: 1 pair 5 in. ladies cutting scissors and 1 pair 6½ in. ladies shears. Forged steel blades, crocus finished ............ Each \$ 6.50





No. 2752.—Rich brown Alligator case, very thin, silk and plush lined. Containing 1 pair 3½ in lace or embroidery scissors; 1 pair each 4½ and 5½ in. ladies' cutting scissors. Forged steel blades, crocus finished with fancy bows and shanks. A very compact outfit ...... Each \$ 5.00

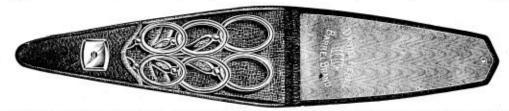


#### SCISSOR SETS





No. 2196.—Red leather case, plush lined. Containing 1 pair  $3\frac{1}{2}$  in. polished lace or embroidery scissors; 1 pair  $4\frac{1}{2}$  in. ladies' cutting scissors; 1 pair  $5\frac{1}{2}$  in. ladies' cutting scissors, all with plain handles. . . . Each \$ 2.50

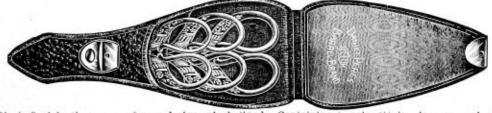


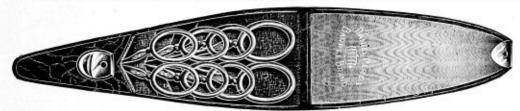
No. 2688.—Red leather case, plush lined. Containing 1 pair 3½ in. lace or embroidery scissors; 1 pair 4½ inch ladies' cutting scissors; 1 pair 5½ in. ladies' cutting scissors, all with gold plated fancy handles. Each \$ 3.50

No. 2357.—Italian gray leather case, with medallion clasp, plush lined. Containing 1 pair 3½ in. lace or embroidery scissors; 1 pair 4½ in. ladies' cutting scissors; 1 pair 5½ in. ladies' cutting scissors, all with gold plated fancy handles

Each 4.00







No. 2695.—Brown Seal leather case, plush lined. Containing 1 pair 3½ in. lace or embroidery scissors; 1 pair 4 in. button hole scissors; 1 pair 5 in. ladies' cutting scissors; 1 pair 6 in. ladies' cutting scissors, with fancy gold plated handles and full nickel plated blades.

The scissors in all above sets are "Barrel Brand" strictly high grade in material, workmanship, cutting qualities and finish.

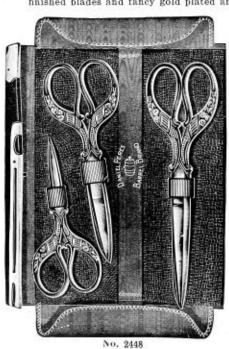
"STERUNG BRAND FOR QUALITY STANDS"











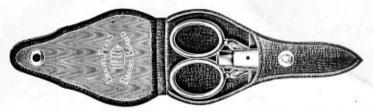


No. 2448.—Green case of grain leather with gold plated trimmings. Plush and silk lined. Containing 1 pair 3½ in. lace or embroidery scissors; 1 pair 4½ in. ladies' cutting scissors; 1 pair 5½ in. ladies' cutting scissors. With crocus finished blades and fancy gold plated and enameled handles. Each No. 2340.—Fine pearl gray leather case with oxidized trimmings and pearl button. Silk lined. Containing 1 Each \$ 7.50 pair 3½ in. lace or embroidery scissors; 1 pair 4½ in. ladies' cutting scissors; 1 pair 5½ in. ladies' cutting scissors, all with oxidized silver fancy handles and 1, 2 blade pearl ripping knife, sunk blades.

The scissors in all above sets are "Barrel Brand" strictly high grade in material, workmanship, cutting qualities and finish.



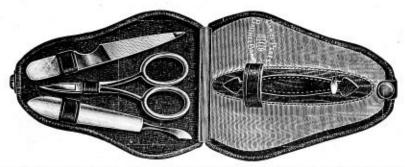
#### SEWING AND MANICURE SETS





No. 2771½.—Black leather stiff case, plush lined. Containing 1 pair 3½ in. lace or embroidery scissors, nickel plated blades and fancy gold plated handles; 1 pearl handle ripping knife and 1 German Silver thimble.

Each \$ 3.50



No. 7306. —Red leather case, plush lined. Containing 1 pair  $3\frac{1}{2}$  in. nickel plated blade curved nail scissors; 1 white handle cuticle cutter; 1— $3\frac{1}{2}$  in. steel nail file and 1 buffer ................ Each \$ 4.00



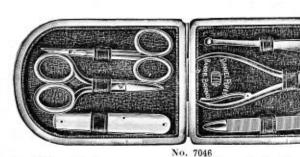
No. 7279. —Tan leather case, plush lined. Containing 1 pair 3½ in. nickel plated bent rail scissors; 1—4 in. steel nail file with white bone handle; 1—1 blade white bone handle knife and 1 buffer ..... Each \$ 5.50

The articles comprising above sets are "Barrel Brand" and strictly high grade in quality, workmanship and finish.

"STERUNG BRAND FOR QUALITY STANDS"



#### MANICURE SETS





No. 7046. —Black morocco case, metal rim. Pocket book pattern, plush lined. Containing 1 pair 31/2 in. manicure scissors; 1 pair 3½ in. bent naif scissors; 1 pair 4 in. nickel plated nippers with spring; 1 folding white bone handle corn razor; 1 pair 3 in. nickel plated tweezers; 1 flexible nail file, 3½ inch .. Each \$ 8.00

No. 717P.—Soft gray suede case, dark purple lining. Containing 1 pair 3 inch forged steel cuticle scissors, pearl handle flexible nail file, pearl handle cuticle pusher, pearl handle cuticle knife and pearl handle corn knife. Folding to a size of 5x21/2 inches. Flat and compact. Neatest and most useful ladies' com-4.00 panion. Can be carried in hand bag ......





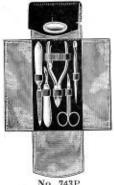


No. 765W

No. 760P

No. 765W.—Black seal leather case, velvet and moire lined. Containing 1 pair 3½ in. forged steel nail scissors, white celluloid handle flexible nail file, white bone handle corn knife, and combination tweezer and ear spoon. A very compact gentlemen's case. Can be easily carried in vest pocket ...... Each .. Each \$ 3.50 No. 760P.—Dark green Spanish leather case, velvet and satin lined. Containing 1 pair 3 in. forged steel cuticle scissors, pearl handle flexible nail file, pearl handle cuticle knife, solid pearl nail cleaner and solid pearl manicure stick. Case is of book shape, very flat and compact. Folding to a size of 55%x25% in...... Bach No. 612P.—Gray moire case, purple velvet lined. Containing 1 pair 4 in. forged steel cuticle scissors, pearl han-4.50

dle flexible nail file, pearl handle cuticle knife, solid pearl nail cleaner, wide pattern, and solid pearl manicure stick. Size of case when closed 7x4 inches....... 4.50







No. 749W

No. 743P. —Black velvet case, velvet and red leather lined. Fancy gold plated clasp suitable for monogram. Containing 1 pair 3½ in. forged steel cuticle scissors, forged steel nail nippers with reversible spring, heavy pearl handle cuticle knife, solid pearl manicure stick, and pearl handle flexible nail file.

folded occupies space only 634x334 inches.

No. 749W.—Black seal grain leather case, purple satin lined. Containing 1 pair 334 in. forged steel nail scissors, 1 pair 4 inch cuticle scissors, white bone handle cuticle knife, white bone handle flexible nail file, white bone handle corn knife, solid white bone nail cleaner and 1 nail polisher. A very handsome case. 6.00

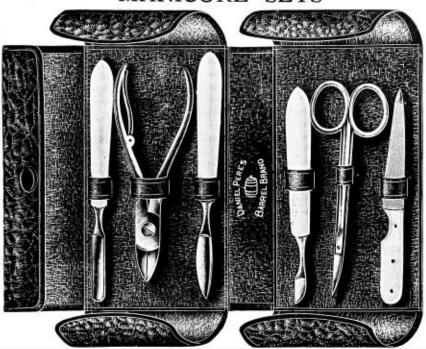
Size when folded 7x3¼ inches.

No. 316P. —Pearl gray leather case, purple satin lined. Containing 1 pair 3¾ in. forged steel nail scissors, 1 pair 4 in. cuticle scissors, pearl handle cuticle knife, pearl handle flexible nail file, pearl handle corn knife, solid pearl nail cleaner and 1 nail polisher. A very handsome case. Size when folded 7x31/4 inches. Each 11.00 All implements used in these manicure cases are high grade both in quality of material as well as finish and

workmanship.



#### MANICURE SETS



No. 7277.—Black Seal leather case, tan leather lined. Containing 1 pair 4 in. fine manicure scissors; 1 pair 4 in. nickel plated nail nippers with spring; 1 white bone handle cuticle pusher; 1 4-inch flexible nail file with white bone handle; 1 white bone handle cuticle knife; 1 white bone corn knife. A very compact gentlemen's case, can be easily carried in the pocket.

Each \$ 7.00



No. 7336.—Fine tan grain leather folding case, tan leather lined. Containing 1 pair 4 in. fine manicure scissors; 1 pair 4 in. full nickel plated nail nippers with spring; 1 white bone handle cuticle pusher; 1 white bone handle cuticle cutter; 1 white bone handle corn knife; 1 pair 3 in. fine tweezers; 1 5-in. flexible nail file with white bone handle; 1 bone handle buffer and powder box. Size folded 6x2½ in. ..... Each \$ 11.00



No. 7312.—Fine alligator case, lined with blue plush. Containing 1 pair 4 in. fancy handle manicure scissors; 1 pair 4 in. bent nail scissors; 1 pearl handle corn knife; 1 pearl handle cuticle cutter; 1 pearl handle nail file; 1 pearl covered buffer and pearl covered powder box. All the pearl handles used in this set are selected and uniform in color. The scissors have beautifully carved handles ...... Each \$ 20.00



#### LOGAN-GREGG HARDWARE CO.'S WARRANTED







Crescent., Hard rubber handle. Extra hollow ground. Etched blade, hollow point.

 Nos.
 305
 306
 307

 Width blade inches
 1/2
 5/4
 5/4

 Per dozen
 \$ 22.50
 22.50
 22.50



No. 346.—Crescent. Hard rubber handle. Extra hollow ground. Etched blade, % inches wide. Square end.

Per dozen

Each in a case; one-half dozen in a box.

\$ 22.50





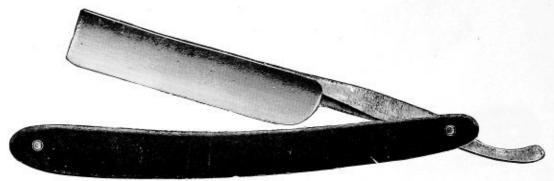




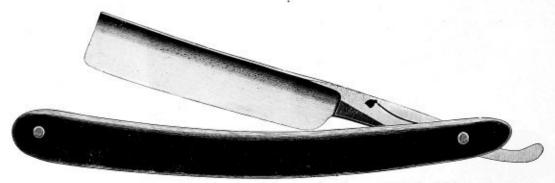


Each in a case; one-half dozen in a box.

\*STERUNG BRAND FOR QUAUTY STANDS"

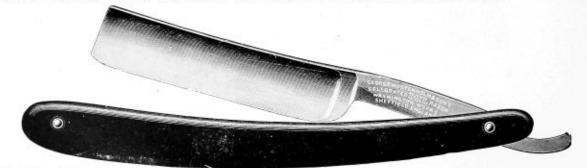


No. 491.—Hard rubber handle. Hollow ground. Square end blade % inch wide ....... Per dozen \$ 6.00



No. 01724.-IXL. Genuine pipe. Black rubber handle. Plain ground. Square end blade % inch wide. Per doz. \$ 10.50





One in a case; one-half dozen in a box.

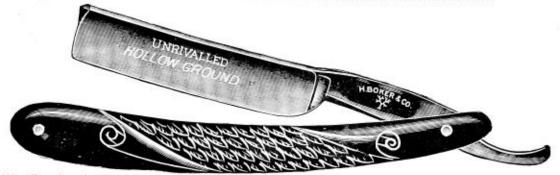


BOKER'S "TREE" BRAND

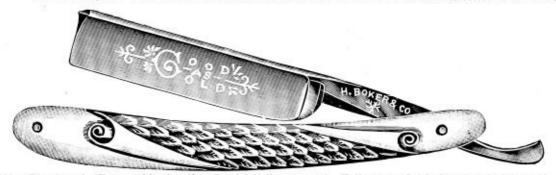


No. 101. -Red Injun. Hard rubber handle. Extra hollow ground and double milled tang. Square end blade, 5%-inch wide ...... No. 101R.—Red Injun. Hard rubber handle. Per dozen \$ 31.50

Extra hollow ground and double milled tang. Round point blade, %-inch wide ..... Per dozen 31.50



No. 1116 .- Tree brand. Fancy hard rubber handle. Full hollow ground. Crocus finished and etched. Square end blade, %-inch wide with fancy etched back..... Per dozen \$ 22.50



No. 1096.-Tree brand. Fancy white handle. Special hollow ground. Full crocus finished and etched in gold 

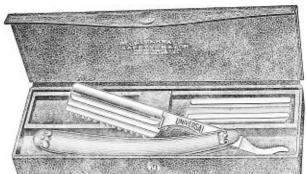


No. 671 .- Tree brand. Fancy white handle. Special hollow ground. Full crocus finished and etched square end blade, %-inch wide .... One in a case; one-half dozen in a box.

Tree brand razors are hand forged from the very best grade English Bar Razor Steel. Honed thin and set ready for immediate use.







Universal Safety.—Outfit consisting of 2 hollow ground blades, flexible reversible guard and handle, White or Black. In handsome leather covered and velvet lined case. This razor gives the diagonal sliding stroke—the true principle of all cutting instruments. The blades are hollow ground and made from the finest quality Chrome steel, hardened, tempered and honed by skilled workmen, insuring a perfect cutting edge. All metal parts of solid Nickel Silver. Each.

Universal Blades Per set (2)





## SAFETY RAZORS AutoStrop RAZOR







Unique.

. Auto Strop Standard .- Quadruple silver-plated frame with twelve blades of the finest steel. Fine horse-hide

6 50

box. In handsome round end leather case, velvet lined 3%x5 inches in size..... 7.50One in a box.

Per set (12) \$

Auto Strop Strops.—Best horse-hide.

The Auto Strop razor has a perfect automatic stropping machine combined in frame. The stropping feature is practical and simple in operation and enables user to keep a fine keen edge on the blade. Nothing to unscrew or put together again for either stropping or cleaning. Only the best of material is used in the manufacture—the blades are of the finest lancet steel and when kept stropped and cleaned last indefinitely. Perfect in finish and offered in at-

#### EVER-READY



Ever Ready.-Nickel-plated brass frame. Black enameled wood handle. Nickel-plated brass folding blade stropper. Twelve solid back single edge blades. In black leatherette case, red leatherette lined,  $3\frac{1}{4}x2\frac{1}{8}x1\frac{1}{4}$  inches in size. Per dozen ...

One dozen in a box.

## Ever-Ready Blades EXTRA BLADES

Ever Ready Blades .- Solid back single edge thin steel blades. Separately wrapped, 10 in carton. ..... \$ .50

#### GEM JUNIOR



Gem Junior .- Nickel-plated brass frame. back clamp holds blade in frame with spring Metal tube handle, containing jointed blade stropper. Seven single edge steel blades. In leatherette covered, plush lined case, 31/2x 



Gem Junior Blades .- Solid back single edge thin steel blades. Separately wrapped. 7 in carton. Per set (7) ....

STERUNG BRAND FOR QUALITY STANDS



#### GILLETTE RAZORS

#### STANDARD AND COMBINATION SETS







Blade Carton.

- No. 6.—Gillette blades. Double edge. New process. Ready for use. Each blade in an envelope, six in a package.

  Per package (6 blades)







No. 461. —Combination set. Triple silver-plated handle. Twelve double-edged blades in metal box. Good quality telescope pattern badger hair shaving brush. Stick shaving soap in triple-plated holder. In Morroco grain leather case, velvet lined, 3\%\x3\%\x1\%\dagger\dag

No. 00. —Standard combination set. Triple silver-plated handle. Twelve double-edged blades and two metal boxes. Triple silver-plated holder, containing badger hair shaving brush. Silver-plated holder containing stick shaving soap. In Seal grain leather case plush lined, 5x3\%x1\% inches in size..... Each 6.50

Gillette razor blades are made of the highest quality of selected crucible steel and every possible care is exercised in their production to maintain absolute perfection. Each blade will give from 20 to 40 shaves. The frame has no hinges or delicate mechanism, and is accurate and durable. Handsomely finished throughout and offered in a variety of styles and finishes in both leather and metal cases.



#### GILLETTE RAZORS

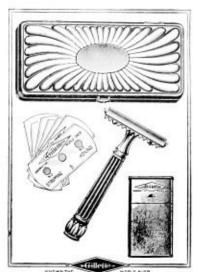
POCKET EDITION



Plain Metal Case, Velvet Lined Nos. 500, 500AX, 500A and 500B



Basket Pattern Metal Case, Velvet Lined. Nos. 501 and 501A



Shell Pattern Metal Case, Velvet Lined, Nos. 502 and 502A

No. 500. —Triple silver-plated case and razor.  No. 500AX.—Gun metal case and triple silver-plated razor.  No. 500A. —Gun metal case and gold-plated razor.  No. 500B. —Gold-plated case and gold-plated razor.  No. 501. —Triple silver-plated case and razor.  No. 501A. —Gun metal case and gold-plated razor.  No. 502. —Triple silver-plated case and razor.  No. 502A. —Gun metal case and gold-plated razor.	14 14 14 14 14	5.00 5.50 6.00 5.00 5.50 5.00
No. 502A. —Gun metal case and gold-plated razor.  Each set contains twelve blades in metal box plated to match razor.	61	5.50

One in a flannel bag, in a box.



Flower Pattern Metal Case, Velvet Lined. Nos. 503, 503A and 503B



Empire Pattern Metal Case, Velvet Lined. Nos. 504, 504AX, 504A & 504B



Leather Case, Velvet Lined 505, 505AS, 505AP, 505BS & 505BP

No. 503. —Triple silver-plated case and razor	Each	\$ 5.00
No. 503A. —Gun metal case and gold-plated razor	64	5.50
No. 503B. —Gold-plated case and gold-plated razor.	. 44	6-00
No. 504. —Triple silver-plated case and razor.	46	5.00
No. 504AX.—Gun metal case and triple silver-plated razor.	44	5.00
No. 504A. —Gun metal case and gold-plated razor	66	5.50
No. 504B. —Gold-plated case and gold-plated razor,	. "	6-00
No. 505. —Black cow-hide case and triple silver-plated razor		5.00
No. 505AS.—Black seal case and triple silver-plated razor.	11	5.50
No. 505AP.—Pigskin case and triple silver-plated razor.	- 14	5.50
No. 505BS.—Black seal case and gold-plated razor	16	6.00
No. 505BP.—Pigskin case and gold-plated razor.	44	6.00
Each set contains twelve blades in metal box plated to match razor		

One in a fiannel bag in a box.

The pocket edition case measuring in size 4x1%x% inches, has been designed especially for travelers. Very popular, however, with all classes. Being compact can be carried in the vest pocket without any inconvenience.

STERUNG BRAND FOR QUALITY STANDS"



#### RAZOR HONES



telescope box. High grade ...... Per dozen

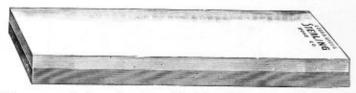


Carborundum. Extra fine hand washed powder, dark gray color. Fast cutting qualities producing a keen lasting edge. For water use only. In fancy olive green leatherette hinged case.

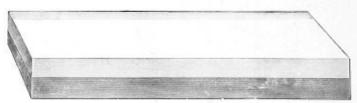
No. 101.—6x2 x	% inches	Per dozen \$	24.00
No. 1034x2 x			16.00
No. 1024x11/4x	1/2 inches		12.00
No. 1043x11/4x	1/4 inches		8.00



4.00



No. 3 .- Sterling. Special fine. 7x1% inches. For use with either oil or water. In paper box ......Per dozen \$12.00





No. 4.—Escher. 7x15% inches. Blue stone. For use with water only. Complete with rub stone to create lather.

Per dozen \$ 4.

One-half dozen in a box.



#### RAZOR STROPS AND STROPPERS







Continental Assortment. — Combination swing strops, horse hide and finished hose. In buff, natural tan and black. Packed 1 dozen to a carton with a display hanger to each dozen. Each \$ 4.00







No. 62.—Combination swing strop. Sharpen side black cotton web. Finish side genuine Russia. Stitched handles trimmed in red book leather, embossed in silver. 22 in. long by 2 in. wide. Each in Manila bag and oiled tissue protector. Per dozen.

One-half dozen in a box.



One-half dozen in a box.



#### STERLIN G

#### RAZOR STROPS



No. 52.—Double leather. Sharpen side, self-honing horse hide. Finish side, shell finish black horse hide. Trimmed in red case leather, embossed in silver. Padded handles and cavalry swivels. 23 in. long by 2¼ in. wide. Each in Manila bag and oiled tissue protector...Per dozen \$ 8.00 One-half dozen in a box.



No. 65.—U. S. Cavalry strop. Double leather swing.

Sharpen side, genuine horse hide. Finish side, shell finish genuine horse hide. Black book leather trimmed and embossed in silver. 19½ in. long by 2¼ in. wide. Each in Manila bag and oiled tissue protector.........Per dozen \$ 12.00

One-half dozen in a box.



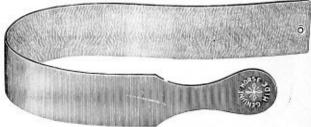
No. 55.—Double leather. Sharpen side, self-honing horse hide. Finish side, specially selected shell finish horse hide. Padded handles, embossed in silver. Nickel-plated cavalry swivels. 25 in. long by 21/4 in. wide. Each in Manila bag and oiled tissue protector. Per dozen \$ 12.00 One-half dozen in a box.



No. 59.—Double leather. Sharpen side, oiled finish black horse hide. Finish side, natural tan shell finish horse hide. Trimmed in red case leather and embossed in silver. Nickel-plated cavalry swivels. 26 in. long by 21/4 in. wide. Each in strong Manila bag.........Per dozen \$ 16.00 One-half dozen in a box.



No. 54.—Double swing. All black. Sharpen side, leather canvas. Finish side, specially selected, shell finish horse hide. Leather stitched handles embossed in silver. Gun metal finish hook swivel. 26 in. long by 2½ in. wide. Each in Manila bag and oiled tissue protector. Per dozen \$ 12.00 One-half dozen in a box.





No. 70.—Barber's Favorite. Double leather.
Sharpen side, black horse hide specially selected. Finish side, natural tan horse hide shell finish. Padded handles and nickel-plated cavalry swivels. 26 in. long by 2 in. wide. Each in Manila bag and oiled tissue protector. Per dozen \$ 12.00 One-half dozen in a box.



One-half dozen in a box.

#### GIBFORD'S RED-E-FOR-USE RAZOR STROPS.

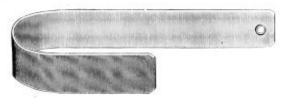
The correct principle of a first class razor strop requires two stropping surfaces to produce perfect results. One surface, for use when a razor is dull, must be of a relatively coarse texture, the other of a softer, finer texture. This will produce a smooth keen edge so necessary to perfect shaving.

The coarser surface we term the SHARPEN SIDE, while the softer, finer surface we call the FINISH SIDE.

All strops are packed securely in boxes of sufficient length to permit each strop to lie straight without folding or doubling. Each strop, bag and box is stamped with its respective number.



#### RAZOR STROPS









No. 61.—Double strop of genuine imported Russia. Both sides finished on the hair side of the Russia. "Brokein", ready for immediate use. Padded handle trimmed in English russet leather and embossed in silver. Nickel-plated hook swivel. 25 inches long by 2½ inches wide. Each in Manila bag and oiled tissue protector. One in a carton.

One-half dozen in a box.



All above strops packed securely in boxes of sufficient length to permit each strop to lie straight without folding or doubling. Each strop, bag and box stamped with its respective number.

"STERUNG BRAND FOR QUALITY STANDS"

#### BARBERS' SUPPLIES WILLIAMS' SHAVING SOAP







No. 15

No. 25

No. 025

Williams' Shaving Soap in sticks. Delicately perfumed. Each stick in neat nickel-plated box. Convenient for the traveler and handy for use in the home. 



Williams' Mug Shaving Soap. A round tablet of the right size for mug use. Lathers freely. Each tablet in paper carton. One dozen in a box. No. 40.-Mug shaving soap......Per dozen \$ .80



Williams' Barbers Bar Soap. In 1 pound packages of 6 tablets each. Regulation size for barbers' use. Famous for its lather. No. 30 .- 1 pound packages, 10 lbs. in box. Per lb. \$ .60

#### EGG SHAMPOO



No. 300 .- Black's Snow Flake Egg Shampoo. High grade. In 4 ounce wide mouth bottle. Per dozen ..... \$ 3.50 One dozen in a carton.

#### COMBS



No. 10 .- Horn barbers' comb. 71/2 inches long. Slant hair-cutting comb, suitable also for pocket use. .. Per dozen \$ 4.50 One dozen in a carton.



No. 14.—Horn dressing combs. 7½ inches long. ½ to ¾ inch wide. All coarse teeth. Per dozen One dozen in a carton.

#### ASTRINGENT PENCILS



No. 150 .- Universal Astringent Pencils. For cuts, fever blisters or abrasions of the skin. More healing and efficacious than alum or similar substances in common use. Per dozen

\$ 1.50 Per dozen

Black's Styptic Pencils. Guaranteed to check bleeding instantly without pain. Will not stain face or towels. Per dozen \$ .80 One dozen in a carton.

#### RAZORINE



Razorine.—A preparation that will sharpen any razor without injury to same. No emery. Full di-rections enclosed. Put up in tablets and mount-ed on attractive easel black display card. Per dozen ... ..... \$ 2.00

#### SHAVING BRUSHES





No. 332.—White Ivory handle, highly polished. Pure badger hair, very full brush. Per dozen..... \$ 36.00



No. 222 .- White bone handle. Long stock badger hair set in hard rubber......Per dozen \$ 16-00



-White bone handle. Badger hair set in No. 221.hard rubber......Per dozen \$ 9.00



No. 400.—Ebonized handle. Nickel-plated ferrule. Imported white bristles, held in hard 

No. 600.—Assortment. Contains 12 Rubberset brushes assorted as follows:

5 No. 400. Retail value \$ .25 each. 2 No. 221. Retail value .50 each. 2 No. 492. Retail value .60 each. 2 No. 249. Retail value .75 each. 1 No. 222. Retail value 1.00 each.

Every brush a ready seller and good value for the money. Packed in handsome display case as illustrated, substantially made, covered with glass top and furnished with slide drawer. Also includes cut-open brush show-ing features of the "Rubberset" Construction.

Brushes in above assortment described in detail below.

No. 600 .- Assortment. 12 Rubberset brushes and

and Pyramid) are "Rubberset" make. The butt ends of the bristles are first imbedded in a solid head of soft rubber. This head is then bound with a strong metal belt, placed in a die and vulcanized (hardened) under heat and pressure. The result is a solid vulcanized head in which the bristles are so thoroughly anchored that it retains every single one until the brush wears out. Guaranteed to stand hot water, cold water, soap and hard usage. All Rubberset Brushes one-half dozen in a box.



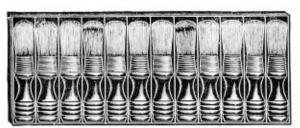
No. 232 .- White bone handle, highly polished. Badger hair, large brush ... Per dozen \$ 24.00



No. 249.-White bone handle octagon shape and highly polished. Badger hair set in hard rubber ...... Per dozen \$ 13.00



No. 492 .- Polished boxwood handle. Long German unbleached bristles set in hard rubber. The perfect barbers' brush. Per doz. \$ 9.00

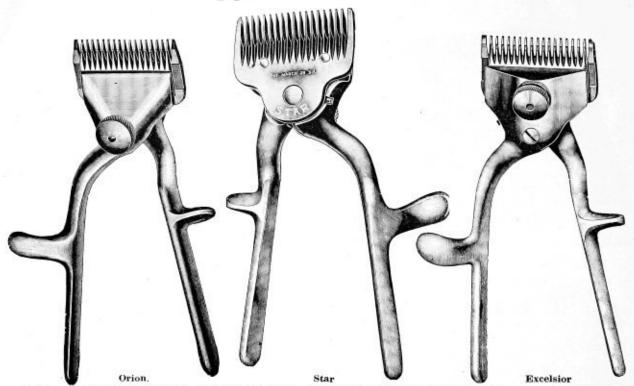


Pyramid.—Assorted fancy handles. French Bristle and wood binding. Fine White Bristles. 1.50

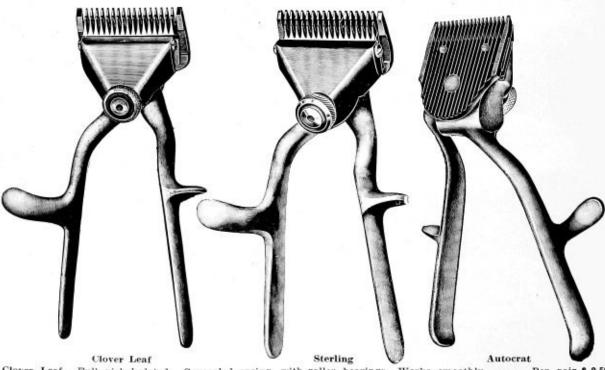


4.00

#### TOILET CLIPPERS



Orion. Per pair \$ 1.20 Star. 1.60 Excelsion. 2.00



3.00

One pair in a box.



#### NAIL CLIPPERS



Ansonia.—Nickel-plated cast steel.
Small, compact and practical. A
serviceable clipper at a popular
price. One dozen in box. Per dozen \$ 1.60



Ideal.—Made throughout of crucible tool steel. Compound lever makes clipping easy. With high grade nail file separate from clipper and attached to same by spring. One dozen on display card, Per dozen \$ 4.00



Gem.—Nickel-plated crucible steel.
Original pattern, neat in design.
Well and favorably known. One
dozen on display card. Per dozen \$ 4.00

#### KEY CHAINS





#### **TWEEZERS**









STERUNG BRAND FOR QUALITY STANDS



#### KEY RINGS AND HOLDERS







No. 142 — Plain round, highly polished. One dozen assorted, four sizes on a card	Per card \$ .	EA
	ter card & .	.00
No. 100.—Assorted styles, highly polished. One dozen—variety of shapes and sizes on a card,	11	on.
200 med office, aighty ponshed. One dozen-variety of shapes and sizes on a card	*****	-80
No. 440.—Heart shape, highly polished. One dozen flat steel, one size only as illustrated on a care	4 "	70
The state shape, main's ponduct. One dozen nat steel, one size only as indistrated on a care	Acres .	-70



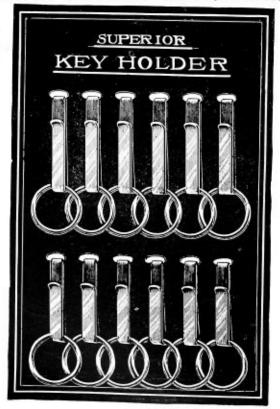


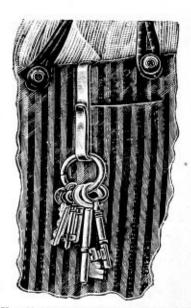




143. Itope pattern,	migniy polished.	One dozen assorted, four sizes on a card One dozen assorted, four sizes on a card	44	.70 .70
2007. — milieu pattern,	migniy ponshed.	One dozen assorted four circe on a cord	44	-80
No. 75.—Round pattern,	extra heavy. One	dozen, all 1% inch in diameter and extra heavy on a card		1.50

All rings are hardened, tempered and highly polished. One dozen on a card, the single cuts illustrating the largest size. The heart pattern comes only in one size asillustrated.

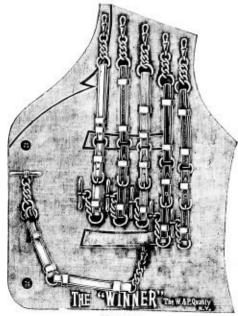




#### WATCH FOBS, CHAINS AND GUARDS







7 .- Black calf skin straps, 1/2-inch wide. Creased edge leather pendants mounted with ornaments as-No. sorted gilt, oxidized silver and enameled finishes. Plated double loop buckles. Brass nickel-plated patent safety clasps. Length 7 inches. The patent safety clasp is attached to the vest or trouser pocket, and the watch is thus secured against loss or theft. Mounted 6 on neat easel back display

Straps of tan leather, creased edge, ¼-inch wide. Assorted styles of wire chain links. Fancy ball end T bars. Spring steel snaps, loops and buckles, all nickel-plated. Length 10 inches. A substantial guard, neat in design. Mounted 6 on display card ....... Per card (6)



No. E .- Black calf skin straps. C eased edge shields mounted with assorted gilt and oxidized silver ornaments. Oval plated double loop buckles. A serviceable fob at a popular price. Mounted on neat display card, 



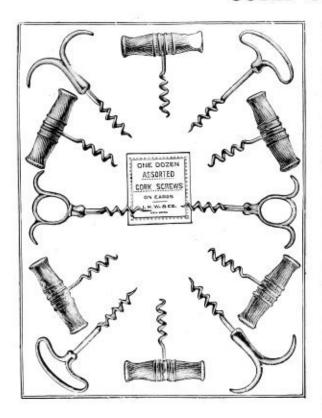
#### WATCH GUARDS



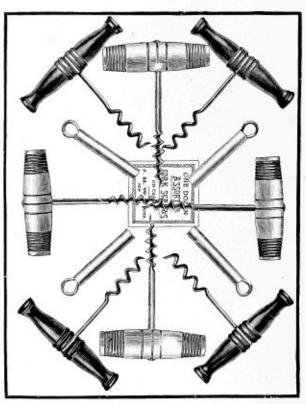
No. 50 .- Watch guard chain. Length 41/2 inches. Fitted with Bridgeport patent fast ener. Made of brass and all nickel-plated. Makes an ideal guard for the workman. Can be used with or without the regular fob. Mounted 12 on attractive display card. Per card (12) \$ 1.50 Paris coat watch fob. Worn on the lapel of the coat as shown in illustration. Assorted ornaments in black, tan and gray leather. Illustration shows one-third the actual size. Mounted 12 on attractive easel back display 

"STERUNG BRAND FOR QUALITY STANDS"

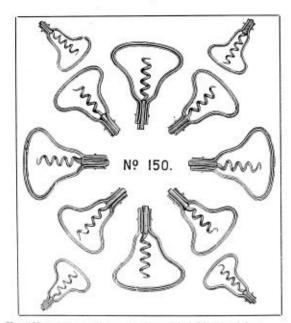
#### CORK SCREWS

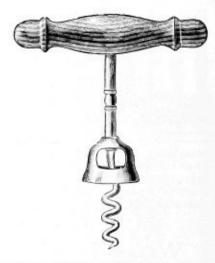


No. 12.—Assortment. 12 assorted cork screws, wood and metal handles, on attractive display card 1134x534 inches....Per card \$ .90



No. 15.—Assortment. 12 assorted cork screws, 8 rigid and 4 pocket. On attractive display card 1134x834 inches.......Per card \$ 1.50





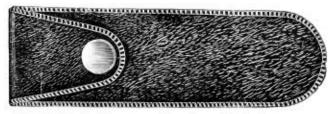
One-half dozen in a box.



#### MATCH BOXES

No. 5. highly pol--Assorted styles. ished and nickel-plated. Engraved. One dozen in a box .... Per dozen \$ 4.00

#### KNIFE PURSES



Snap button knife purses. Smooth selected leather. or tan color. Assorted sizes suiting the various lengths and shapes of pocket knives.

No. 75 .- Sizes 2, 3, 4, 5 and 6. No. 2 for small knives with gradual increase in size up to No. 6...... .. Per dozen \$ 1.50 No. 075 .- Extra wide shape for holding combination pocket knives ......Per dozen 1.50 Three dozen in a box.











No. 49 .- Assorted styles, gilt and nickel-plated. Spring top. In rack display box containing one dozen. Per dozen

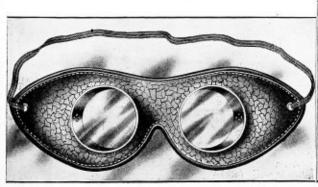
.. \$ 1.50 Per dozen

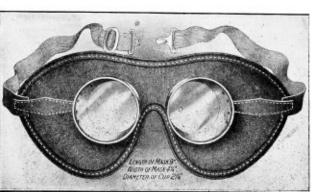
No. 510.—Nickel-plated. Spring top. Regulation size. One dozen in a box ..... Per dozen \$ 1.50 Dome top carver cases. Leatherette covered. Satin lined. Very

No. 10.—3 piece case. Suitable for carvers 7 to 9 inch. Each \$ .70 No. 15.—5 piece case. Suitable for beef and steak, complete carving outfit. An extra quality case, medium price. Each No. 5 .- 2 piece case. Suitable for bird or steak carving knife

and fork, 7 inches or shorter ..... Each

#### GOGGLES





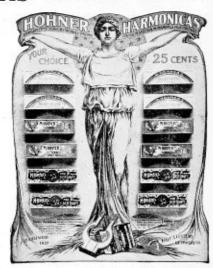
Illustrates No. 3. Style of Nos. 1 and 2. No. 4. -Dust goggles. Plain glasses, plain leather. With elastics -Penn goggles. Round glasses, selected leather, assorted colors. With elastics . No. 1. Per dozen \$ 1.60 No. 2.-Per dozen No. 3.—Berkshire goggles. Large glasses, fine selected leather, all edges plush bound. Elastics stitched on. A very well made and popular priced shield ..... Per dozen 4.00 No. 4.—Slip-over goggles. Mi-coquille glass. Assorted grain and smooth leather in black, tan and green. This gives six different styles to the dozen. With wide adjustable elastics, leather ends. An extra large and finely finished shield. For automobiling, etc. Each in carton. ...... Per dozen 8.00 One dozen in a box.

All goggles made wedge shape with thin part towards the nose so as to conform to the shape of the face and set squarely before the eyes. The masks are cut in such a manner that the wearer looks through the center of the glass. Cups allow plenty of room for the eye lashes.

"STERUNG BRAND FOR QUAUTY STANDS"

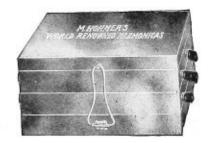
#### **HARMONICAS**











Illustrates the No. 400 Display Cabinet opened. Presents to view the entire 38 harmonicas at one time. The case is a fine piece of cabinet work consisting of three trays of seasoned wood elaborately finished in a rich, dark, mahogany piano polish, with attractive lettering on the cover. Thoroughly and rigidly put together and when closed occupies less than a square foot of space.



#### HOHNER HARMONICAS



No. 34B.—"The Old Standby". 10 single holes, 20 reeds. Brass reed plates and nickel-plated covers. Each in hinge covered case...., Per dozen \$ 4.00







Vienna Pattern. Brass reed plates and nickel-plated perforated covers. Highly polished with extension ends. Each in telescope box.











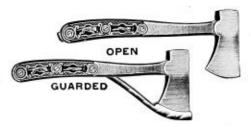


"STERUNG BRAND FOR QUALITY STANDS"

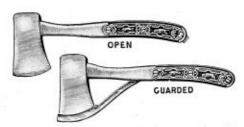


#### HUNTING AXES

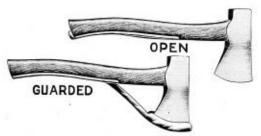
#### MARBLE'S SAFETY POCKET



No. 1.-Weight 16 oz. Steel and hard rubber handle. Solid steel blade. Length 10 in ..... Each \$ 3.50



No. 2 .- Weight 20 oz. Steel and hard rubber handle. Solid steel blade. Length 11 in ..... Each \$ 3.50

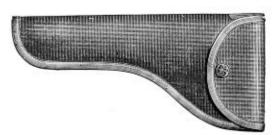


No. 4 .- Weight 24 oz. Finely finished hickory handle. Solid steel blade. Length 11 in. Each \$ 2.70

No. 5 .- Weight 16 oz. Finely finished hickory handle. Solid steel blade. Length 11 inches. Light in weight but capable of doing the

The Marble safety pocket axe is large enough to fell a tree and small enough to carry in the pocket. As nec-essary in the woods as a gun or a knife. The nickel-plat-ed spring hinge guard is lined with lead and folds into the handle. The hickory handles are selected stock and have nickel-plated guards and receivers. Packed two in a box.

#### AXE SHEATHS



Safety Axe Sheaths. May be carried in hip or side pocket.

No. 19.—Leather. Full length ...... Each \$ 1.50 No. 20.-Leather. Half length ..... "

#### POCKET COMPASSES

#### WITH COVER



No. 1 .- Brass case with slide cover. Brass cap on needle. Enameled paper dial. Full divisions. Diameter 13/4 inches ..... Per dozen \$ 6.00

#### OPEN FACE



Watch case pattern, Open face. Oxidized finish with rim. Brass cap on needle and silvered metal dial. Full divisions.

#### HUNTING CASE



No. 4 .- Nickel hunting case. Spring cover. Silvered metal dial. Agate cap on needle. Automatic stop. Diameter 134 in. Per doz. \$ 21.00

#### MARBLE'S







No. 182

No. 082.—Marble. Revolving dial .... Per dozen \$ 27.00 No. 182.—Marble. Stationary dial .... " 24.00 Marble handy compasses are made with water-proof screw case. The bracket is made like a double safety-pin and fastened securely to coat, vest or belt. In plain view at all times and balances accurately.

# SPORTING GOODS

GUNS, REVOLVERS
AMMUNITION



FISHING TACKLE

BASE BALL AND FOOT BALL

SUNDRIES

LOGAN-GREGG HARDWARE CO.

#### DOUBLE BARREL SHOT GUNS





American. Style 0. Armory Steel Barrels. Interchangeable lock parts, bar locks and low circular hammers. Top lever action. Pistol grip stock and fancy rubber butt plate. Matted extension rib.

No. 028 12 gauge.	28-inch barrels.	Right barrel, modified	Left barrel full choke boredE	lach \$ 12.75
No. 030 12 gauge.	30-inch barrels.	Right barrel, modified	Left barrel full choke bored	" 12.75



Davis. Style DS. Decarbonized steel barrels. Case hardened frame. Bar locks. Top lever action. Black walnut stock and fore end, neatly checked and finished. Rubber butt plate. Strong lateral bolt through extension rib, making absolutely tight.

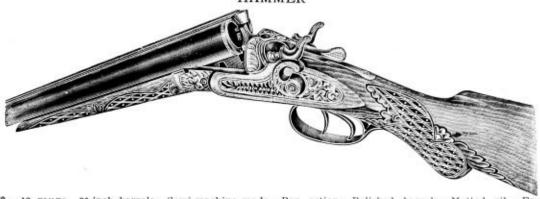
No. DS28.—12 gauge	28-inch barrels.	Right barrel, modified; Left	barrel full choke	bored Each \$ 13.50
No. DS30.—12 gauge	. 30-inch barrels.	Right barrel, modified; Left	barrel full choke	bored " 13.50





### DOUBLE BARREL SHOT GUNS

HAMMER



No. 8770.—12 gauge. 30-inch barrels. Semi-machine made. Bar action. Polished barrels. Matted rib. graved nickel-plated mountings. Imitation ebony stock, carved and pinned. A very attractive gun



American. Style 2. Genuine Twist barrels. Specially bored for smokeless or black powder. Matted extension rib. Drop forged frame. Top lever action with bar rebounding locks. Deeley and Edge patent fore-end. The locking mechanism consists of a heavy cylinder bolt connecting with the barrel lug and an L shaped extension rib. No. 228.—12 gauge. 28-inch barrels. Right barrel, modified; Left barrel full choke bored. Each \$ 16.50
No. 230.—12 gauge. 30-inch barrels. Right barrel, modified; Left barrel full choke bored. " 16.50

### STEVENS DOUBLE BARREL SHOT GUNS

HAMMER



Stevens No. 235. Compressed forged steel barrels. Choke bored for Nitro powder. Matted extension rib. Demi-



Stevens No. 255. Compressed forged steel barrels. Choke bored for Nitro powder. Matted extension rib. Demibloc system. Low circular hammers rebounding bar locks and solid plungers. Parts drop forged. Compensating cross bolt through extension rib. Varnished Walnut stock, finely finished with pistol grip checked and capped and rubber butt plate. Patent snap fore-arm, checked. Regular length of stock 14 inches with drop from 21/2 to 31/4 inches.

Weight 71/2 to 8 pounds.

No. 25528.—12 gauge. 28-inch barrels. Right barrel, modified; Left barrel full choke bored. Each \$ 21.75

No. 25530.—12 gauge. 30-inch barrels. Right barrel, modified; Left barrel full choke bored. 21.75



## DOUBLE BARREL SHOT GUNS



H. & A Style 110. Decarbonized steel barrels. Extension rib giving a perfect guide to quick accurate sighting. Drop forged parts. Walnut stock with pistol grip. Rubber butt plate. Deeley and Edge patent fore-arm. Fitted with safety device which closes automatically.



American. Style 6. Armory steel barrels. Specially bored for smokeless or black powder. Matted extension rib. Drop forged frame. Side plate locks, fitted with spiral main springs. Walnut stock and pistol grip. Rubber butt plate. Deeley and Edge patent fore-end. Fitted with safety slide locks, preventing accidental discharge and showing at a glance whether the hammers are cocked or otherwise.

No. 628.—12 gauge. 28-inch barrels. Right barrel modified; Left barrel full choke bored. Each \$ 18.00
No. 630.—12 gauge. 30-inch barrels. Right barrel modified; Left barrel full choke bored. " 18.00
No. 616.—16 gauge. 28-inch barrels. Right barrel modified; Left barrel full choke bored. " 18.00



Stevens. No. 335. Compressed forged steel barrels. Choke bored for Nitro Powder. Matted extension rib. Demibloc system. Anson and Deeley type action. New style compensating locking bolt through extension rib. All parts drop forged. Check hook, spiral main springs and automatic safety. Oiled English Walnut stock, finely finished and with checked pistol grip. Patent snap fore-arm checked. Regular length of stock 14 inches. With drop of 23/4 to 3 inches. Weight 71/2 to 8 pounds.

No. 33528.—12 gauge. 23-inch barrels. Right barrel modified; Left barrel full choke bored. Each \$ 20.25
No. 33530.—12 gauge. 30-inch barrels. Right barrel modified; Left barrel full choke bored. " 20.25



Stevens. No. 355. Compressed forged Krupp fluid steel barrels. Choke bored for Nitro powder. Matted extension rib. Demi-bloc system. Drop forged case hardened frame. Anson and Deeley type action. Rotary compensating bolt through extension rib. Automatic safety independent or not at will. Extra long frame with all parts drop forged. Walnut stock, rubber butt plate and patent fore-arm. Regular length of stock 14 inches. With drop 2½ to 3½ inches. Weight 7½ to 8 pounds.

STERUNG BRAND FOR QUALITY STANDS



### DOUBLE BARREL SHOT GUNS

HAMMERLESS







Batavia Special. High grade special steel barrels. Bored for smokeless or black powder. Hammerless. Drop forged frame and action parts. Top lever. European Walnut stock and fore-end. Full pistol grip, checkered. Rubber butt plate.

No. S28.—12 gauge. 28-inch barrels. Right barrel modified; Left barrel full choke bored. Each \$ 22.50
No. S30.—12 gauge. 30-inch barrels. Right barrel modified; Left barrel full choke bored. " 22.50



Batavia Damascus. Fine quality Damascus of even figure and excellent tensile strength barrels. Bored for smokeless or black powder. Hammerless. Top lever. Drop forged frame and action parts. Walnut stock and fore-end. Full pistol grip of new design. Rubber butt plate.



### ITHACA HAMMERLESS SHOT GUNS



Ithaca Field. Smokeless powder steel barrels. Specially bored for Nitro powder. Hammerless. Top lever. Drop forged frame and action parts. Black walnut stock, fore-end and half pistol grip.

	torsed frame and acti-	on parts. Diack	wathut stock, fore the and man paster grap.	
- 3	No. F1228.—12 gauge.	28-inch barrels.	Right barrel modified; Left barrel full choke bored Each	\$ 24.00
- 3	No. F1230.—12 gauge.	30-inch barrels.	Right barrel modified; Left barrel full choke bored "	24.00
			Right barrel modified; Left barrel full choke bored "	24.00
	No. F2026.—20 gauge.	26-inch barrels.	Right barrel modified; Left barrel full choke bored "	24.00



Ithaca No. 1. Imported stub twist barrels. Improved lock. Hammerless. Black walnut stock and fore-end. Full pistol grip and cap.

No.	12812 gauge.	28-inch barrels.	Right barrel modified;	Left barrel full choke bore	i Each \$ 31.50
				Left barrel full choke bore	



Ithaca No. 11/2. Imported Damascus steel barrels. Bored for Nitro powder. Easy working lock. Black walnut stock and fore end. Nicely checkered. Full pistol grip with rubber cap.

No. 1528.—12 gauge. 28-inch barrels. Right barrel modified; Left barrel full choke bored. Each \$ 38.25 No. 1530.—12 gauge. 30-inch barrels. Right barrel modified; Left barrel full choke bored. " 38.25

### L. C. SMITH HAMMERLESS SHOT GUNS



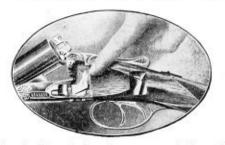
Smith. No. 00. Armor Steel barrels. Bored for Nitro powder. Hammerless. Improved locks. English Walnut stock and fore-end. Half pistol grip.

No. 0028.—12 gauge. 28-inch barrels. Right barrel modified; Left barrel full choke bored. ...... Each \$ 32.00 No. 0030.—12 gauge. 30-inch barrels. Right barrel modified; Left barrel full choke bored. ..... " 32.00



### A. H. FOX HAMMERLESS SHOT GUNS

Cut shows Fox Simplicity, a feature of every Fox Gun.



Only three pieces in the entire lock.

Non-breakable spiral springs are used throughout. Fox Rotary Taper bolt will keep the gun tight forever. Every part and shooting qualities liberally guaranteed by the makers.



Sterlingworth grade. Genuine Sterlingworth Fluid compressed steel barrels thoroughly tested and guaranteed for strength and shooting qualities. Stock of highest quality plain American Walnut. Checkered grip and fore-end. Full cap pistol grip. The fore-end is of an improved pattern,—never gets loose.

No. S1228.—12 gauge. 28 inch barrels. Right barrel modified; left barrel full choke bored. .......... Each \$ 35.00 No. S1228E.—12 gauge. 28 inch barrels. Right barrel modified; left barrel full choke bored. With 50.00 ........ Automatic shell ejector . . . 35.00 50.00



Genuine Krupp Fluid steel barrels, thoroughly tested and guaranteed for strength and shooting Fox. A grade. qualities. Stock of Imported English Walnut. Checkered grip and fore-end. Half pistol grip. Fore-end of Deeley & Edge pattern. Engraving is plain but neat and effective. No. A1228. —12 gauge. 28 inch barrels. Right barrel modified; left barrel full choke bored.

No. A1228E.—12 gauge. 28 inch barrels. Right barrel modified; left barrel full choke bored. With .... Each \$ 50.00

Automatic shell ejector ..... -12 gauge. 30 inch barrels. 65.00 50.00 65.00



Fox. B grade. Genuine Krupp Fluid steel barrels. Stock of dark English Walnut. Checkered grip and fore-end-Deeley & Edge pattern. This grade is well adapted for trap or field shooting. The engraving is neat and artistic. ..... Each \$ 75.00

Guns with special stock or drop or higher grade guns will be quoted upon receipt of specifications.



### SINGLE BARREL SHOT GUNS



Champion. No. 36. Top snap, extra long lever. Barrel of best quality hammer forged from high carbon steel, highly polished and finished in brown. Choke bored for Nitro powder. Long coil main spring with adjustable tension. Barrel and lug forged in one piece. Compensating bolt holds barrel rigidly in place. Selected Black Walnut stock with pistol grip and rubber butt plate. Snap fore-arm. Weight about 634 pound.

No. 3612.—12 gauge. 30 inch barrel ......

Each \$ 5.50



Champion. No. 36 Automatic Ejector. General description same as No. 36 listed above with Automatic Shell Ejector feature added.

 No. 3612E.—12 gauge.
 30 inch barrel
 Each \$ 6.00

 No. 3616E.—16 gauge.
 28 inch barrel
 6.00

 No. 3620E.—20 gauge.
 28 inch barrel
 6.00

Champion. No. 39 Automatic Ejector. Same general construction as No. 36 above described but lighter in weight. With Automatic Shell Ejector.

No. 3928E.—28 gauge. 26 inch barrel..... Each \$ 6.50



H & R. Model 1908. Three piece type. Top lever. Steel barrel. Fine black Walnut stock and fore-arm. Rubber butt plate. When cocked and ready to fire, the gun cannot be opened. Simple in construction and unlike the regula tion single barrel gun. Pull off the snap fore-end and the barrel can be unhooked from the frame instantly. Works the same as a double barrel gun.

No. 1908. -12 gauge. 30 inch barrel ..

..... Each \$ 5.50



H & R. Model 1908 Automatic Ejector. Same general description as No. 1908 above described but fitted with Automatic Shell Ejecting device.

No. 1908E.—12 gauge. 30 inch barrel .....

Each \$ 6.00



### STEVENS SINGLE BARREL SHOT GUNS





No. 115.—12 gauge. 30 inch barrel. Top snap, automatic shell ejector. Low rebounding hammer. Varnished walnut stock with pistol grip checked and capped. Rubber butt plate. Improved walnut fore-arm checked, with metal joint and patent snap. Drop forged and case hardened frame. Compressed forged steel barrel. Choke bored for nitro powders. Weight 6 to 61/4 pounds.................. Each \$ 7.50



No. 97.—12 gauge. 30 inch barrel. Top snap, automatic shell ejector. Rebounding hammer. Varnished walnut stock with pistol grip. Rubber butt plate. Improved walnut fore-arm and fitted with metal joint. Nickel plated frame. Extra heavy cannon breech barrel of special prepared steel. Choke bored for nitro powder. Weight about 7 pounds.



Stevens. No. 180. Hammerless. Top snap and automatic shell ejector. Varnished Walnut stock, finely finished, with pistol grip checked and capped. Improved Walnut fore-arm checked with metal joint. Special compressed forged steel barrel. Choke bored for nitro powder. Has new cocking device by which it cannot be opened to insert a shell until the gun is at full cock, and an automatic safety making it impossible to discharge the gun before it is pushed forward.

No. 18012.—12 gauge. 30 inch barrel
No. 18016.—16 gauge. 28 inch barrel

"Sterung Brand For Quality Stands"

Each \$10.50



### WINCHESTER REPEATING SHOT GUNS

WINCHESTER, MODEL 1897.



Winchester. Model 1897. Rolled steel barrel. Plain pistol grip stock with rubber butt plate. New firing pin lock. Weight about 73/4 pounds, and holds six shells.

#### WINCHESTER TAKE DOWN. MODEL 1897.



Winchester. Model 1897 Take Down. Rolled steel barrel. Plain pistol grip stock with rubber butt plate. Holds six shells.

No. TD1897-28.—12 gauge.	28 inch barrel, modified choke bored	Each \$ 27.00
No. TD1897-30.—12 gauge.	30 inch barrel, full choke bored	" 27.00
No. TD1897-16.—16 gauge.	28 inch barrel, modified choke bored	" 27.00

#### WINCHESTER TAKE DOWN BRUSH, MODEL 1897



Winchester. Model 1897 Brush. Light weight rolled steel barrel. Plain pistol grip stock and rubber butt plate. Bored to use either black or nitro powder. Weight about 7 pounds. Holds six shells. Take Down.

No. B1897.—12 gauge. 26 inch barrel, cylinder bored ...... Each \$ 27.00

#### WINCHESTER, SOLID FRAME RIOT



Winchester. Model 1897 Riot. Rolled steel barrel bored expressly to shoot Buckshot. Plain pistol grip stock. Adopted by U. S. Army for sentry duty. Holds six shells.

No. R1897.—12 gauge. 20 inch barrel. Solid frame ...... Each \$ 25.00

#### WINCHESTER TOURNAMENT, MODEL 1897.



Winchester. Model 1897 Tournament. Barrel of the celebrated Winchester rolled steel. Handsomely matted on the top and bored to shoot a close, even pattern with any trap load. All barrels are tested and none are sent out which will not shoot at least 290 pellets of shot inside a 30 inch circle at 40 yards, with a load of 3½ drams of smokeless powder and 1½ ounces of 7½ chilled shot. The stock is of handsome selected Walnut and has a well shaped grip, which is checked and a rubber butt plate. The comb is heavy and rounding which is a great help to quick and accurate shooting. Altogether the gun will appeal to and meet the requirements of the most exacting trap-shooters.

No. 1897T .- 12 gauge. 30 inch barrel. Tournament take down ...... Each \$ 42.00



### REPEATING SHOT GUNS

MARLIN, MODEL 26



#### MARLIN TAKE DOWN, MODEL 24



#### MARLIN TAKE DOWN. MODEL 30



Marlin. Model 30. Take Down. Weight about 6% pounds. Holds six shells. Light in weight and by reason of shooting smaller gauge shells is a very popular gun.

No. 30.—16 gauge. 28-inch rolled steel barrel. Modified choke bored ........................ Each \$ 24.00

#### REMINGTON TAKE DOWN. MODEL 1908



Remington. Model 1908, grade 1. Steel barrel. Walnut stock, half pistol grip. Weight about 7½ pounds. Holds six shells.

#### REMINGTON AUTO LOADING



#### STEVENS' TAKE DOWN No. 520



Stevens. No. 520. Take Down. Compressed forged steel barrel finished in black oxide. Holds six shells. Weight about 734 pounds.

"STERUNG BRAND FOR QUALITY STANDS"



### WINCHESTER REPEATING RIFLES



Winchester. Model 1906. Extra light weight. Take down. 20-inch round barrel and measures 35% inches over all. Weight about 5 pounds. Straight grip stock and rubber butt plate. Fitted with sporting front sight and adjustable open rear sight. Shoots 22 short, 22 long and 22 long rifle Rim Fire cartridges. Magazine holds 15 Short, 12 Long or 11 Long Rifle cartridges.

No. 1906 .- 22 caliber. Take down MODEL 1890. TAKE DOWN



Take down. 24-inch octagon barrel. Straight grip rifle stock with plain trigger. Weight Winchester. Model 1890. Take down. 24-inch octagon barrel. Straight grip rifle stock with plain trigger. Weight about 5% pounds. The breech block locks itself in plain view and is of such size as to permit the use of a strong firing pin and extractor and also to offer a good cover for the head of the cartridge. Mechanism prevents pulling of trigger until breech block is closed and gun locked.

No. 1890S. -Magazine holds 15 -22 Short Rim Fire cartridges. Shoots this cartridge only ...... Each \$ 16.00 No. 1890L. —Magazine holds 12-22 Long Rim Fire cartridges. Shoots this cartridge only
No. 1890W.—Magazine holds 12-33 Winch, Rim Fire cartridges. Shoots this cartridge only 16.00 16.00

MODEL 1892.



Winchester. Model 1892. 24-inch octagon barrel. Full magazine. Plain trigger. Weight about 7 pounds. Number of shots 14. Manipulated by a finger lever. Locking bolts always in sight and when rifle is closed support the Model 1892. 24-inch octagon barrel. Full magazine. Plain trigger. Weight about 7 pounds. Numbreech bolt against the force of the explosion.

No. 1892-32.—Shoots 32-caliber Center Fire Rifle cartridges..... 19.50 No. 1892-38.—Shoots 38 caliber Center Fire Rifle cartridges. 19.50

MODEL 1894



Winchester. Model 1894. 26-inch octagon barrel. Full magazine. Weight 8 pounds. Number of shots, 9. No. 1894-32.—Shoots 32-40 Winchester Center Fire Rifle cartridges Each \$ 19.50
No. 1894-38.—Shoots 38-55 Winchester Center Fire Rifle cartridges "19.50

MODEL 1894. TAKE DOWN



MODEL 1903. AUTOMATIC



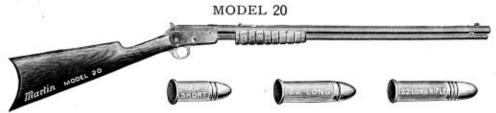


### MARLIN REPEATING RIFLES

MODEL 25



Marlin. Model 25. Take Down. Round barrel 23 inches long. Length over all 39\% inches. Weight about 4\% pounds. Sliding action. Black Walnut stock and fore-arm. Shoots 22 short Rim Fire cartridges or 22 C. B. Caps without adjustment of any kind.



Marlin. Model 20. Take Down. Octagon barrel 24 inches long. Sliding action. Solid top, side ejector. Ivory bead front sight and a new and improved adjustable rear sight. Shoots 22 short, 22 long and 22 long Rifle Rim Fire cartridges without adjustment of any kind.

No. 20.—22 caliber. Full magazine. Holds 25 short, 20 long or 18 long Rifle Rim Fire cartridges of 22 cal. Each \$ 12.00



Marlin. Model 1892. Round barrel. 24 inches long. Full magazine. Shoots 22 short, 22 long and 22 long Rim Fire Rifle cartridges without any change in adjustment.

No. M1892-22.—22 caliber. Magazine holds 25 short, 20 long or 18 long Rifle Rim Fire cartridges of 22 cal. Each \$ 13.50



Marlin. Model 1892. Octagon barrel, 24 inches long. Full magazine. Weight about 6 pounds. Shoots 32 short and 32 long Rim Fire and 32 short and 32 long Center Fire cartridges.

No. M1892-32.—32 caliber. Magazine holds 17 short or 14 long cartridges of 32 cal. either Rim or Center Fire Ea. \$ 15.00

#### MODEL 1897 TAKE DOWN



Marlin. Model 1897 Take Down. Octagon barrel, 24 inches long. Shot gun butt with rubber butt plate. Shoots 22 short, 22 long and 22 long Rifle Rim Fire cartridges without adjustment of any kind. Weight 5½ pounds.

No. M1897-22.—22 caliber. Magazine holds 25 short, 20 long or 18 long Rifle Rim Fire cartridges of 22 cal. Each \$ 16.50



### MARLIN REPEATING RIFLES

MODEL 1894



Marlin. Model 1894. Octagon barrel, 24 inches long.	Rifle butt	stock ar	nd case	hardened	frame.	Weigh	t 6%
pounds. Number of shots, 14. Accurate range at 300 yards No. M1894-25.—Shoots 25-20 Marlin Center Fire cartridges No. M1894-32.—Shoots 32 caliber Center Fire Rifle cartridge No. M1894-38.—Shoots 38 caliber Center Fire Rifle cartridge						44	15.00 15.00 15.00

#### MODEL 1894. TAKE DOWN



Marlin. Model 1894. Take Down. Octagon barrel, 24 inches long. Number of shots, 14. Weight 6% pounds. Accurate range 300 yards. No. MTD1894-25.—Shoots 25-20 Marlin Center Fire cartridges....... Each \$ 18.50 No. MTD1894-32.—Shoots 33 caliber Center Fire Rifle cartridges

## MODEL 27 HIGH VELOCITY HIGH VELOCITY

Marlin. Model 27. Take Down. Octagon barrel, 24 inches long. Walnut stock and fore-arm. Blued frame and steel rifle butt plate. Rocky Mountain adjustable rear sight and Ivory bead front sight. Trombone or sliding action. Weight 5% pounds. Number of shots, 7.

No. M27-25.—Shoots 25-20 Marlin Center Fire cartridges.

No. M27-32.—Shoots 32 caliber Center Fire Rifle cartridges.

"16-50"

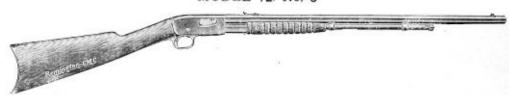
### REMINGTON REPEATING RIFLES

MODEL 12. No. 1



Remington. Model 12, No.1. Take Down. Round barrel, 22 inches long. Hammerless. Straight grip Walnut stock fitted with rubber butt plate. Weight 41/2 pounds. Shoots 22 short, 22 long and 22 long Rifle Rim Fire cartridges without adjustment of any kind. No. 12-1.—22 caliber. Magazine holds 14 short, 11 long or 10 long Rifle cartridges of 22 caliber ...... Each \$ 12.65

#### MODEL 12. No. 3



Remington. Model 12, No. 3. Take Down. Octagon steel barrel, 24 inches long. Hammerless. Straight grip Walnut stock fitted with steel rifle butt plate. Weight 5½ pounds. Shoots 22 short, 22 long and 22 long Rifle Rim Fire cartridges without any adjustment. Target grade. The positive extraction and feeding of cartridges and the absolute locking of the action when cocked make this the ideal target rifle. No. 12-3.—22 caliber. Magazine holds 15 short, 12 long or 11 long Rifle Rim Fire cartridges of 22 caliber Each \$ 16.00



#### REPEATING RIFLES SAVAGE

**MODEL 1899** 



Savage. Model 1899. Full octagon barrel, 26 inches long. Rifle butt plate. Holds six cartridges. Revolving magazine,—the cartridges lie side by side and no bullets touch the primers of other loads. Automatic indicator always shows at a glance the number of cartridges held in reserve. Accurate shooters. Weight 8 pounds.

No. S25.—Shoots 25-35 Center Fire Rifle cartridges. Suitable for all game up to and including deer. Each \$ 21.00

No. S30.—Shoots 30-30 Center Fire cartridges. A variety of loads may be used. It will kill anything. "

21.00

No. S38.—Shoots 30-35 Center Fire Rifle cartridges. Ideal for big game. Heavy hitting power. "

21.00

No. S38.—Shoots 38-55 Center Fire Rifle cartridges. The twist of the rifling insures great accuracy. "

21.00

Model 1899 Rifles can be furnished with round barrels or with Take Down feature by shipping from factory direct.

#### FEATHER WEIGHT



Savage Featherweight. Model 1899. Round barrel, 20 inches long. Shot gun butt stock. Holds six cartridges. In reality a featherweight, weighing only six pounds.

No. SF25.—Shoots 25-35 Center Fire Rifle cartridges
No. SF30.—Shoots 30-30 Center Fire Rifle cartridges 24.00 44 No. SF303.—Shoots 303 Center Fire Rifle cartridges ....

Any Savage Model 1899 Featherweight rifle can be furnished with Take Down feature at list price of \$27.00 by shipping from factory direct. **MODEL 1903** 



Savage. Model 1903. Full octagon barrel, 24 inches long. Hammerless, with a solid top which prevents dirt entering the mechanism. Rifle butt plate and pistol grip stock. Weight 51/4 pounds. Shoots 22 short, 22 long or 22 long Rifle Rim Fire cartridges without adjustment. A number of magazines loaded with the different 22 caliber cartridges may be carried in the pocket and inserted instantly at will, thus insuring a rapid and continuous fire. Each magazine made with an automatic stop.

No. S1903. —22 cal. Shoots 22 short, 22 long and 22 long Rifle Rim Fire cartridges. 2 magazines with each. Each \$ 13.50 No. S1903M.—Extra magazines for Model 1903 Rifles .....

#### MODEL 1909



Savage. Model 1909. Round barrel, 20 inches long. Hammerless with solid top, straight stock and shot gun butt plate. Weight about 4½ pounds. Shoots 22 short, 22 long and 22 long Rifle Rim Fire cartridges. Magazines quickly inserted. An up-to-date rifle, very popular, No. S1909. —22 caliber. Shoots 22 short, 22 long or 22 long Rifle Rim Fire cartridges ...... Each \$ 10.50

No. S1909M.—Extra magazines for Model 1909 Rifles

#### **MODEL 1911**



Savage. Model 1911. 20 inch round barrel. Walnut stock with shot gun steel butt plate. Shoots 22 short Rim Fire Cartridges only. Loaded at butt-end of stock, altogether 20 cartridges may be had ready for quick use. Bolt type action. Weight 4 pounds. 



### STEVENS SINGLE SHOT RIFLES



Little Scout. Round barrel 18 inches long. Oiled Walnut stock and fore-arm. Open rear, German Silver knife edge front sights. Takes down by removing barrel screw. Chambered to shoot 22 long Rifle Rim Fire cartridges. Will also shoot 22 long or 22 short Rim Fire Cartridges. Weight 21/2 pounds. No. 14½.—Little Scout. 22 caliber





Crack Shot. Round barrel 20 inches long. Case hardened frame. Oiled Walnut stock and fore-arm, rubber butt plate. Take Down. Plain open front and rear sights. Chambered for 22 long Rifle Rim Fire cartridges. Also shoots 22 short, 22 long Rim Fire cartridges or C. B. Caps. Weight 33/4 pounds. No. 16.—Crack Shot. 22 caliber .....



Favorite. Half octagon barrel, 22 inches long. Case hardened frame with solid breech block. Oiled Walnut stock and fore-arm, rubber butt plate. Take Down. Rocky Mountain front and Sporting rear sight. Weight 4½ lbs. No. 1722.—22 caliber. Chambered for 22 long Rifle Rim Fire cartridges. Will also shoot 22 long, 22 short Rim Fire cartridges or C. B. Caps. Fitted with automatic ejector. Each \$ 6.00 No. 1725.—25 caliber. Chambered for 25 short Stevens Rim Fire cartridges. "6.00 No. 1732.—32 caliber. Chambered for 32 long Rim Fire cartridges. "6.00 Favorite. No. 18. With Beach front sight, Stevens leaf and Vernier sights. Otherwise same as No. 17.

No. 18.—Calibers 22 25 or 22 (In ordering specify whichis wanted). Each \$ 8.50

No. 18.—Calibers 22, 25 or 32. (In ordering specify whichis wanted). ...... ..... Each \$ 8.59



Ideal. Half octagon barrel, 24 inches long. Case hardened receiver and solid breech block. Oiled Walnut stock and fore-arm. Rifle butt. Rocky Mountain front and Sporting rear sights. Weight 7 pounds. No. 4422.—22 caliber. Chambered for 22 long Rifle Rim Fire cartridges. With automatic ejector ...... Each \$ 10.00 No. 4425.—25 caliber. Chambered for 25 Stevens Rim Fire cartridges 10.00 No. 4432 -32 caliber. Chambered for 32 long Rim Fire cartridges ..... 10.00

### STEVENS REPEATING RIFLES



Stevens Repeating. No. 70. 20 inch round barrel, length over all 35 inches. Varnished stock and slide handle. 

STERUNG BRAND FOR QUALITY STANDS"



## HAMILTON SINGLE SHOT RIFLES





No. 027.—Hamilton. 22 Caliber. Shoots 22 short or 22 long rim fire cartridges. Tapered barrel 16 inches long.

Length over all 30 inches. Bronze barrel with steel jacket, blue-black gun finish. Automatic ejector. Take

Down. Genuine walnut stock and fore-arm turned and handsomely finished. Front knife sight and ad
justable rear open sight. Weight 234 pounds.

Each \$ 2.00



### REMINGTON SINGLE SHOT RIFLES





Remington. No. 4. Octagon steel barrel, tapered. Forged case hardened frame. Walnut stock and fore-arm. Rifle butt plate. Automatic shell ejector. Take Down. Weight about 4½ pounds.

No. 422.—22 caliber. Barrel 22½ inches long. Shoots 22 short or 22 long Rim Fire cartridges ...... Each \$ 8.00 No. 432.—32 caliber. Barrel 24 inches long. Shoots 32 short or 32 long Rim Fire cartridges ...... 8.00

### WINCHESTER SINGLE SHOT RIFLES



### AIR RIFLES

SINGLE SHOT



No. 2 Daisy.-Single shot. Nickel plated steel barrel. Genuine black walnut stock, highly polished. Length 311/2 inches. Weight 1 lb., 11 oz. Shooting barrel removable and permits the use of either air rifle shot darts Per dozen \$ 12.00 No. 1 King.—Single shot. Polished steel nickel plated barrel. Genuine black walnut stock and good accurate

sights. Length 31 inches. Weight 1 lb. 8 oz. Easy to load and easy to fire. Shoots air rifle shot or darts. One dozen in a case.

12.00

350 SHOT REPEATER



No. 1 Daisy .- 350 Short Repeater. Nickel plated steel barrel and peep sights. Magazine holds 350 air rifle

One dozen in a case.

1000 SHOT



No. 3 Daisy .- 1000 shot Repeater. Polished nickel plated steel barrel. Genuine black walnut turned stock, highly polished and fitted with blued steel butt plate. Magazine holds 1000 air rifle shot, and loads automatically. Lever action. Shooting barrel provided with patent shot retainer that enables user to shoot

downward without losing the shot. Length 36 inches. Weight 2 lbs. 9 oz. . . . . . . . Per dozen No. 5 King.—1000 shot Repeater. Polished nickel plated steel barrel. Black walnut stock and high grade Per dozen \$ 24.00 sights. A hammerless magazine repeater with lever action. Magazine holds 1000 air rifle shot, loads automatically and shoots with accuracy and great penetration. The frame and barrel are of one piece—no One-half dozen in a case.

24.08

1000 SHOT



No. B3 Daisy Special .- 1000 Shot Repeater. Steel barrel polished and blued. A gun-like finish on an air rifle. Genuine black walnut stock carefully selected and hand polished. Magazine holds 1000 air rifle shot and loads automatically. Shooting barrel provided with patent shot retainer enabling user to shoot downward without losing the shot. A handsome high grade, gunlike air rifle. Each in handsome box. Length 36 inches. Weight 2 lbs., 9 oz. ...... ...... Per dozen \$ 30.00 One-half dozen in a case.

LITTLE DAISY SINGLE SHOT

LITTLE DAISY POP GUN



No. 20 No. 10. No. 20 Little Daisy .- Single shot. Nickel plated steel barrel and black walnut stock. Simple in construction-all working parts can be removed by taking out one screw. Length 29 inches. Weight 18 ounces. Per dozen \$ 6.00

One dozen in a case. No. 10. Little Daisy .- Nickel plated steel barrel and walnut stock. Shoots a cork and makes a loud report with absolutely no danger. Length 15 inches. Weight 7 ounces. Each in paper carton. . . . . . Per dozen Six dozen in a case.

STERUNG BRAND FOR QUALITY STANDS"



### RIFLE SIGHTS

Bead Front

Lyman Ivory Hunting Front





No. 3 .- Lyman. Gives a clear white bead which

can be seen distinctly against any object. No. 4 .- Lyman. A good "all around" sight, ivory well protected ..... Each





Both leaves folded down

Using the straight bar

Using the crotch

No. 6 .- Lyman. Folds down close to the barrel. The bar leaf is excellent as a twilight sight or when used at night with a jack. ..... \$ 1.00

> Lyman Patent Combination Ivory Front





Used with Globe

Used with Ivory No. 5 .- Lyman. Excellent for "all around" shooting. Nearly ail shooting should be done with the ivory part ...... Each \$ 1.00

Rocky Mountain Front





Rocky Mountain .....

Each 3 .50

Lyman Rear Combination





No. 2 .- Lyman. Combination rear, with cup disc. Disc is easily removed, making it suitable for either practice or target work. Each \$ 3.50

No. 1 .- Lyman. Combination, rear showing stop pin, making it possible to adjust the sight perfectly ..... Each

In ordering sights, state name, model and caliber of rifle for which intended. Sights not carried in stock; sent from factory direct.

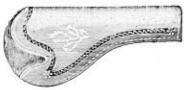
### REVOLVER HOLSTERS

SOFT POCKET



Russet Bag leather. Soft pocket holsters. No. 321 .- 32 caliber. For all regular revolvers. Per dozen ...... \$ 5.00 38 caliber. For all regular revolvers. No. 323.-Per dozen ,.... 6.00

#### OPEN TOP



Russet Grain leather. Open top holsters. No. 200C. -32 caliber. For all regular revolvers ...... Per dozen § 4.50 -38 caliber. For all regular rovolvers ...... Per dozen No. 1200C. -25 caliber. For Colt's Automatic 25 caliber revolvers ...... Per dozen 8.00 No. 1200CS .- 32 caliber. For Colt's or Savage Automatic 32 cal. revolvers. Per dozen 8.00

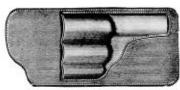
#### FLAP



Russet Grain leather. Flap holsters

No.	300C.—32 caliber. For all regular revolvers Per dozen \$	5.50
No.	302C.—38 caliber. For all regular revolvers Per dozen	6.00
No.		11.00
No.	304. —32 caliber. For any 5 or 6 inch barrel regular 32 caliber revolver. Per doz.	12.00
No.	305. —38 caliber. For any 4 inch barrel regular 38 caliber revolver. Per doz.	13.00
No.	306. —38 caliber. For any 5 or 6 inch barrel regular 38 caliber revolver. Per doz.	14.00
No.	1300. —25 caliber. For Colt's Automatic 25 caliber revolvers Per dozen	11.00
No.	1300S.—32 caliber. For Colt's or Savage Au- tomatic 32 cal. revolvers. Per dozen	11.00

#### STIFF POCKET



Russet Grain leather. Double back. Square back stiff pocket holsters. No. 221C .- 32 caliber. For all regular revolv-

...... Per dozen \$ 8.00 No. 223.C .- 38 caliber. For all regular revolv-...... Per dozen 9.00 ers

"STERUNG BRAND FOR QUALITY STANDS"



### IVER JOHNSON REVOLVERS

### AUTOMATIC HAMMER

#### HAMMERLESS



		3-incl	Barrel, R	abber St	ock.			
No.	22.	-22 cal.	Rim fire,	7 shots,	N. P.	Each	\$	6.00
No.	22B.	-22 cal.	Rim fire,	7 shots,	Blued	44		6.50
No.	32.	-32 cal.	Center fire,	5 shots,	N. P.	44		6.00
No.	32B.		Center fire,			44		6.50
		3-inch	Barrel, Pe	arl Stoc	k.			
No.	22P.	-22 cal.	Rim fire,	7 shots,	N. P.	Each	\$	7.25
No.	22PB	22 cal.	Rim fire,	7 shots,	Blued	44		7.75
No.			Center fire,			44		7.25
No.	32PB	32 cal.	Center fire,	5 shots,	Blued	44		7.75
		31/4-ine	ch Barrel, I	tubber S	tock.			
No.	38.	-38 cal.	Center fire,	5 shots.	N. P.	Each	S	6.00
No.			Center fire,					6.50
		4-inch	Barrel, R	ubber S	tock.			
No.	324.	-32 cal.	Center fire,	5 shots,	N. P.	Each	\$	6.50
No.	324B.	-32 cal.	Center fire,	5 shots,	Blued	44		7.00
No.	384.	-38 cal.	Center fire,	5 shots,	N. P.	44		6.50
No.	384B.	—38 cal.	Center fire,	5 shots,	Blued	64		7-00
		5-incl	Barrel, R	ubber St	ock.			
			Center fire,				\$	
No.	325B.	-32 cal.	Center fire,	5 shots,	Blued	**		7.50
No.	385.	-38 cal.	Center fire,	5 shots,	N. P.	64		7.00
No.	385B.	—38 cal.	Center fire,	5 shots,	Blued	**		7.50
			Barrel, Ru					
			Rim fire,			Each	\$	7.50
No.	226B.	-22 cal.	Rim fire,	7 shots,	Blued	**		8.00
			Center fire,			44	- 8	7.50
			Center fire,			44		8.00
			Center fire,			**		7.50
No.	386B.	—38 cal.	Center fire,	5 shots,	Blued	46		8.00

		3-inch	Barrel, Ru	ibber Sto	ock.		
No.	122.	-22 cal.	Rim fire,	7 shots,	N. P.	Each	\$
No.	122B.	-22 cal.	Rim fire,	7 shots,	Blued		7.50
No.	132.	-32 cal.	Center fire	, 5 shots,	N. P.	- 44	7.00
No.	132B.	—32 cal.	Center fire	, 5 shots,	Blued	"	7.50
		3-inch	Barrel, Pe	arl Stock	τ.		
No.	122P.	-22 cal.	Rim fire,	7 shots,	N. P.	Each	\$ 8.25
No.	122PB	22 cal.	Rim fire,	7 shots,	Blued		8.75
No.	132P.	-32 cal.	Center fire	, 5 shots,	N. P.	- 14	8.25
No.	132PB	.—32 cal.	Center fire	, 5 shots,	Blued	1 "	8.75
		31/4-incl	h Barrel, B	ubber St	ock.		
No.	138.		Center fire			Each	\$ 7.00
No.	138B.	-38 cal.	Center fire	, 5 shots,	Blued	**	7.50
		31/4-inc	h Barrel,	Pearl St	ock.		
No.	138P.	-38 cal.	Center fire	, 5 shots,	N. P.	Each	\$ 8.50
No.	138PB	.—38 cal.	Center fire	, 5 shots,	Blue	1 "	9.00
		4-inch	Barrel, Ru	ibber Ste	ock.		
No.	1324.	-32 cal.	Center fire	, 5 shots,	N. P.	Each	\$ 7.50
No.	1324B.	-32 cal.	Center fire	, 5 shots,	Blued	1 "	8.00
No.	1384.	-38 cal.	Center fire	, 5 shots,	N. P.	**	7.50
No.	1384B.	—38 cal.	Center fire	, 5 shots,	Blued	1 "	8.00
		5-inch	Barrel, Ru	ibber Sto	ock.		
No.	1325.	-32 cal.	Center fire	, 5 shots,	N. P.	Each	\$ 8.00
No.	1325B.	-32 cal.	Center fire	, 5 shots,	Blued	1 "	8.50
No.	1385.	-38 cal.	Center fire	, 5 shots,	N. P.	64	8.00
No.	1385B.	—38 cal.	Center fire	, 5 shots,	Blued	1 "	8.50
			Barrel, Ru				
			Center fire				\$ 8.50
			Center fire			1 "	9.00
			Center fire			**	8.50
No.	1386B.	—38 cal.	Center fire	, 5 shots,	Blued	1 "	9.00

#### CYCLE HAMMER

O imale	I Programme I	T7 1-1	Character.
z-inch	Darret.	Rubber	CHARLES.

	22C22 cal.		7 shots,	N. P.	Each	\$ 6.00
	22CB.—22 cal.		7 shots,			6.50
	32C. —32 cal.					6.00
No.	32CB.—32 cal.	Center fire.	5 shots,	Blued	46	6.50

#### CYCLE HAMMERLESS



	2-inch	Barrel, Rubber Stock.	
No.		Rim fire, 7 shots, N. P. Each \$ 7.	00
No.			50
			.00
No.	132CB.—32 cal.	Center fire, 5 shots, Blued " 7.	50



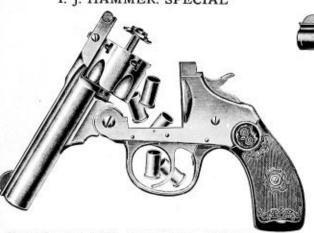


Equipped throughout with drawn tempered wire springs. With independent cylinder stop and patented safety (Hammer the Hammer) action. Thus in this line is offered a revolver possessing the essentials of safety and permanent tension in springs as well as being carefully made and accurately finished throughout. Fully guaranteed.



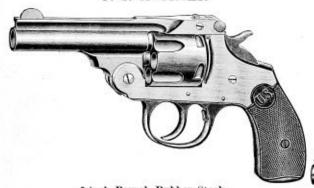
### REVOLVERS

#### I. J. HAMMER. SPECIAL



Iver Johnson Special. Large frame. 31/4-inch barrel. 6 Shots.

#### U. S. HAMMER



	3-inch Barrel, Rubber Stock.			
No.	52222 cal. Rim fire, 7 shots, N. P.	Each	\$	4.50
No.	522B 22 cal. Rim fire, 7 shots, Blued	44		5.00
No.	53232 cal. Center fire, 5 shots, N. P.	64		4.50
No.	532B 32 cal. Center fire, 5 shots, Blued	14		5.00
	31/4-inch Barrel, Rubber Stock.			
No.	538. —38 cal. Center fire, 5 shots, N. P.	Each	S	4.50
No.	538B 38-cal. Center fire, 5 shots, Blued	44		5.00
	6-inch Barrel, Rubber Stock.			
No.	522622 cal. Rim fire, 7 shots, N. P	. Each	\$	6.00
No.	5226B 22 cal. Rim fire, 7 shots, Blued	44		6.50

#### U. S. HAMMERLESS



3-inch Barrel, Rubber Stock.

No. 5132. —32 cal. Center fire, 5 shots, N. P. Each \$ 5.50

No. 5132B.—32 cal. Center fire, 5 shots, Blued " 6.00

31/4-inch Barrel, Rubber Stock.

No. 5138. —38 cal. Center fire, 5 shots, N. P. Each \$ 5.50 No. 5138B.—38 cal. Center fire, 5 shots, Blued " 6.00

### I. J. HAMMER. PERFECT GRIP



No.	PG32432 cal.	Center fire, 5 s	hots, N. P.	Each \$ 7.50
No.	PG324B 32 cal.	Center fire, 5 s	hots, Blue	8.00
No.	PG38438 cal.	Center fire, 5 s	hots, N. P	. " 7.50
No.	PG384B 38 cal.	Center fire, 5 s	hots, Blue	1 " 8.00

#### 5-inch Barrel, Rubber Stock. Large Grip.

No.	PG325. —	-32	cal.	Center	fire,	5 shots,	N. P. E	lach 3	8.00
No.	PG325B	32	cal.	Center	fire,	5 shots,	Blued	64	8.50
No.	PG385	38	cal.	Center	fire, !	5 shots,	N. P.	44	8.00
No.	PG385B.—	-38	cal.	Center	fire,	5 shots,	Blued	-	8.50

#### 6-inch Barrel, Rubber Stock. Large Grip.

No.	PG326. —32	cal.	Center	fire,	5	shots,	N.	P.	Each	\$ 8.50
No.	PG326B32	cal.	Center	fire,	5	shots,	Bl	ued	1 "	9.00
No.	PG38638	cal.	Center	fire,	5	shots,	N.	P.		8.50
No.	PG386B38	cal.	Center	fire,	5	shots,	Bl	ued	46	9.00

Above revolvers fitted with the Iver Johnson Perfect Rubber Grip. Gives a firmer, steadier grip than comes on the regular revolver, is not too large and yet is effective for accurate target shooting.

#### I. J. HAMMER, WESTERN GRIP



#### 4-inch Barrel. Walnut Stock. Large Grip.

No.	W32432 cal.	Center fire, 5 shots,	N. P. Each	\$ 8.00
No.	W324B 32 cal.	Center fire, 5 shots,	Blued "	8.50
No.	W38438 cal.	Center fire, 5 shots,	N. P. "	8.00
No.	W384B - 28 cal	Center fire 5 shots	Blued "	8.50

#### 5-inch Barrel. Walnut Stock. Large Grip.

No.	W32532 cal.	Center fire, 5 shots, N. P. Each \$	8.50
No.	W325B 32 cal.	Center fire, 5 shots, Blued "	9.00
No.	W38538 cal.	Center fire, 5 shots, N. P. "	8.50
No.	W385B 38 cal.	Center fire, 5 shots, Blued "	9.00

#### 6-inch Barrel. Walnut Stock. Large Grip.

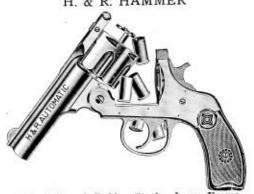
No. W32632 cal.	Center fire, 5 shots,	N. P.	Each :	8 9.00
No. W326B.—32 cal.	Center fire, 5 shots,	Blued	46	9.50
No. W386. —38 cal.	Center fire, 5 shots,	N. P.	**	9.00
No. W386B.—38 cal.	Center fire, 5 shots,	Blued	46	9.50

Above revolvers fitted with the Iver Johnson Western Walnut grip. Made from one piece fancy Walnut with a beautiful hand rubbed finish. No side screws—marksmen in particular will appreciate the increased steadiness thus obtained.

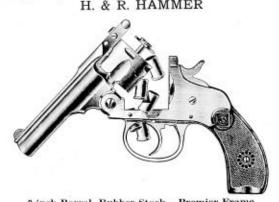
"STERUNG BRAND FOR QUALITY STANDS"

### REVOLVERS

### H. & R. HAMMER



	31/4-inch	Bar	rel. Ru	bber	Stock.	Large	Frame.	
No.	32032	cal.	Center	fire.	6 shots,	Blued	Each	\$ 5.00
No.	320B32	cal.	Center	fire.	6 shots.	Blued	44	5.50
	38038						14	5.00
No.	380B.—38	cal.	Center	fire,	5 shots,	Blued	64	5.50
					ABERET			



3-inch Barrel, Rubber Stock. Premier Frame.	
No. 32132 cal. Center fire, 5 shots, N. P. Each	\$ 5.00
No. 321B 32 cal. Center fire, 5 shots, Blued "	5.50
4-inch Barrel, Rubber Stock. Regular Frame.	
No. 321432 cal. Center fire, 5 shots, N. P. Each	\$ 5.50
No. 3214B32 cal. Center fire 5 shots, Blued "	6.00
No. 381438 cal. Center fire, 5 shots, N. P. "	5.50
No. 3814B 38 cal. Center fire, 5 shots, Blued "	6.00
5-inch Barrel, Rubber Stock. Regular Frame.	
No. 321532 cal. Center fire, 5 shots, N. P. Each	\$ 6.00
No. 3215B 32 cal. Center fire, 5 shots, Blued "	6.50
No. 381538 cal. Center fire, 5 shots, N. P. "	6.00
No. 3815B38 cal. Center fire, 5 shots, Blued "	6.50
6-inch Barrel, Rubber Stock. Regular Frame.	
No. 221622 cal. Rim fire, 7 shots, N. P. Each	\$ 6.50
No. 2216B 22 cal. Rim fire, 7 shots, Blued "	7.00
No. 321632 cal. Center fire, 5 shots, N. P. "	6.50
No. 3216B32 cal. Center fire, 5 shots, Blued "	7.00
No. 381638 cal. Center fire, 5 shots, N. P. "	6.50
No. 3816B 38 cal. Center fire, 5 shots, Blued "	7.00
H. & R. POLICE PREMIER	100



Police Premier. 3-inch Barrel. Rubber stock. No. 222. —22 cal. Rim fire, 7 shots, N. P. Each \$ 5.00 No. 222B .- 22 cal. Rim fire, 7 shots, Blued 5.50 No. 232. —32 cal. Center fire, 5 shots, N. P. No. 232B.—32 cal. Center fire, 5 shots, Blued 5.00 5.50

#### H. & R. HAMMERLESS



2-inch Barrel, Rubber Stock. Cycle. No. 022C. —22 cal. Rim fire, 7 shots, N. P. Each \$ 6 No. 022CB.—22 cal. Rim fire, 7 shots, Blued "	5.00 5.50
3-inch Barrel, Rubber Stock. Premier Frame. No. 022. — 22 cal. Rim fire, 7 shots, N. P. Each \$ 6 No. 022B. — 22 cal. Rim fire, 7 shots, Blued " No. 032. — 32 cal. Center fire, 5 shots, N. P. "	3.00 3.50 3.00 3.50
3-inch Barrel, Pearl Stock. Premier Frame. No. 032P. —32 cal. Center fire, 5 shots, N. P. Each \$ 7	7.25 7.75

#### H. & R. HAMMERLESS



31/4-inch Barrel, Rubber Stock. Large Frame.
No. 038. —38 cal. Center fire, 5 shots, N. P. Each \$ 6.00
No. 038B.—38 cal. Center fire, 5 shots, Blued " 6.50 3¼-inch Barrel, Pearl Stock.
No. 038P. —38 cal. Center fire, 5 shots, N. P. Each \$ 7.50
No. 038PB.—38 cal. Center fire, 5 shots, Blued " 8.00

#### H. & R. TARGET GRIP



					_
	4-inch Barrel, Rubber Stock. Ta	rge	et (	drip.	
No.	3214T32 cal. Center fire, 5 shots,	N.	P. 1	Each	\$ 6.50
No.	3214TB 32 cal. Center fire, 5 shots,	Bh	ied	46	7.00
No.	3814T38 cal. Center fire, 5 shots,	N.	P.	44	6.50
	3814TB38 cal. Center fire, 5 shots,			64	7.00
	5-inch Barrel, Rubber Stock. Ta	rge	et (	drip.	
No.	3215T32 cal. Center fire, 5 shots,	N.	P. 1	Each	\$ 7.00
No.	3215TB 32 cal. Center fire, 5 shots,	Bl	ued	**	7.50
No.	3815T38 cal. Center fire, 5 shots,	N.	P.	44	7.00
No.	3815TB 38 cal. Center fire, 5 shots,	Bl	ued	44	7.50
	6-inch Barrel, Rubber Stock. Ta	arge	et (	Grip.	
No.	3216T32 cal. Center fire, 5 shots,	N.	P.	Each	\$ 7.50
No.	3216TB 32 cal. Center fire, 5 shots,	Bl	ued	64	8.00
No.	3816T38 cal. Center fire, 5 shots,	N.	P.	46	7.50
No.	3816TB 38 cal. Center fire, 5 shots,	Bl	ued	41	8.00

STERUNG BRAND FOR QUALITY STATEDS"



### COLT'S REVOLVERS

#### POCKET POSITIVE



Colt's Pocket Positive. Jointless solid frame ber stock. Six shots. Full blued. Barrels 31/2 inches long. Equipped with Colt's positive lock, an absolute preventitive of accidental discharge.

32 S. & W.—Uses 32 S. & W. Short; 32 S. & W. Long; or 32 Colt's New Police cartridges ..... Each \$ 13.50

#### POLICE POSITIVE



Colt's Police Positive. Jointless solid frame. Rubber stock. Six shots. Full blued. Equipped with Colt's positive lock, an absolute safeguard against accidental discharge.

32 Colt's Police Positive.—Uses 32 Colt's Police Positive; 32 S. & W. Short; or 32 S. & W. Long cartridges. Barrels 4, 5 or 6 inches long Each \$ 15.00

(Specify which) ..... Each
38 Colt's Police Positive.—Uses 38 Colt's Police
Positive; or 38 S. & W. cartridges. Barrels 4, 5, or 6 inches long. (Specify which) Each

#### POLICE POSITIVE SPECIAL



Colt's Police Positive Special. Jointless solid frame. Rubber stock. Six shots. Full blued. Barrels 4, 5 or 6 inches long. Equipped with Colt's positive lock. Most compact and lightest revolver on the market, using powerful ammunition.

32-20 Rifle.—Uses 32-20 Rifle cartridges ... Each \$ 15.00 38 Colt's. —Uses 38 Long Colt's; 38 Short Colt's

#### or 38 S. & W. Special cartridges. Each 15.00



Colt's Army Special. Jointless solid frame. Rubber stock. Six shots. Full Blued Barrels 4, 41/2, 5 or 6 inches long (Specify which). Equipped with Colt's positive lock, removing every liability of accidental discharge. 32-20 Rifle.—Uses 32-20 Rifle cartridges ... Each \$ 16.00 38 Colt's. —Uses 38 Long Colt's; 38 Short Colt's

or 38 S. & W. Special cartridges. Each 41 Long Colt's.—Uses 41 Short Colt's or 41 Long

Colt's cartriages ..... Each

#### 25 AUTOMATIC



Colt's Automatic Pocket Model. Hammerless. Full blued. Rubber stock. Length over all 41/2 inches. Length of barrel 2 inches. Weight 13 ounces. Capacity Length of barrel 2 inches. Weight 13 ounces. of magazine six shots. With grip safety and slide lock safety, making accidental discharge impossible.

25 Automatic, Uses 25 Automatic Rimless Smokeless cartridges Each \$ 12.50

### 25 AUTOMATIC. PEARL STOCK



Colt's Automatic Pocket Model. Hammerless. Pearl stock. Length over all 4½ inches. Length of barrel 2 inches. Weight 13 ounces. Capacity of magazine, six inches. Weight 13 ounces. Capacity of magazine, six shots. With grip safety and slide lock safety making accidental discharge impossible. Uses 25 Automatic Rim-

less Smokeless Cartridges. Plain. Engraving extra. 25P. Automatic.—Blued frame. Pearl stocks. Ea. \$ 15.00 25NP. Automatic.—Nickel plated. Pearl stocks. " 15.00

Extra Magazines for Colt's Automatic Revolvers. 380M.—For 380 caliber ..... 1.25 38M .- For 38 caliber 1.50

#### 32 and 380 AUTOMATIC



Colt's Automatic Pocket Model. Hammerless. Full blued. Rubber stock. Length of barrel 3¾ inches. Length over all 6¾ inches. Weight 23 ounces. Slide

lock safety, and grip safety, 32 Automatic.—Uses 32 Automatic Smokeless cartridges. Capacity of magazine 8 shots ... Each \$ 16.00

380 Automatic.—Uses 380 Automatic Rimless Smokeless cartridges. Capacity ... Each of magazine 7 shots 19.00

#### 38 AUTOMATIC



Colt's Automatic Pocket Model. Full blued. Rubber stock. Length of barrel 41/2 inches. Length over all 71/2 inches. Weight 32 ounces.

38 Automatic.—Uses 38 Automatic cartridges. Capacity . Smokeless of magazine 7 shots ..... Each \$ 22.00

STERUNG BRAND FOR QUALITY STANDS

### COLT'S REVOLVERS

OFFICERS' MODEL TARGET



Colt's Officer's Model Target. Jointless solid frame. Full blued. Walnut stock checked. Six shots. Adjustable front and rear sights. Perfectly balanced and equipped with Colt's positive lock, preventing accidental discharge.

38 Colt's.—Uses 38 Long Colt's or 38 S. & W. Special cartridges. Barrel 6 or 7½ inches long. (Specify which) .....Each \$ 20.00

#### POLICE POSITIVE TARGET



Colt's Police Positive Target. Jointless solid frame. Full Blued. Rubber stocks. Six shots. Weight 22 ounces. Length of barrel 6 inches; length over all 10½ inches. Adjustable block rear sight and removable bead front sight.

No. 22 R.F.—Uses 22 short or long Rim Fire Smokeless or Black Powder cartridges ...... Each \$ 16.00

No. 22W.R.F.—Uses 22 W. R. F. (Model 1890 Rifle cartridges only ...... Each 16.00

### SAVAGE REVOLVERS



Savage Automatic. Full blued. Rubber checked stock. Length over all 6½ inches. Weight 19 ounces. Capacity of magazine 10 shots. With patent safety device. A very accurate, simple and durable weapon. Uses 32 Automatic Rimless Smokeless cartridges.

32S. —Automatic. Blued finish ...... Each \$ 15.00

32SM.—Extra magazines for above ...... " 1.00

### S. & W. REVOLVERS

DOUBLE ACTION



31/2 inch Barrel, Rubber Stock.

No. 632. —32 cal. Center fire, 5 shots, N. P. Each \$ 15.00 No. 632B.—32 cal. Center fire, 5 shots, Blued " 15.00

31/4 inch Barrel, Rubber Stock.

No. 638. —38 cal. Center fire, 5 shots, N. P. Each \$ 16.00 No. 638B.—38 cal. Center fire, 5 shots, Blued " 16.00

Above original Smith & Wesson Double Action revolvers, strictly high grade. Use S. & W. Center Fire Cartridges.

#### NEW DEPARTURE



3½ inch Barrel, Rubber Stock.

No. 1632. —32 cal. Center fire, 5 shots, N. P. Each \$ 16.00

No. 1632B.—32 cal. Center fire, 5 shots, Blued " 16.00

3¼ inch Barrel, Rubber Stock.

No. 1638. —38 cal. Center fire, 5 shots, N. P. Each \$ 17.00 No. 1638B.—38 cal. Center fire, 5 shots, Blued " 17.00

Smith & Wesson New Departure Revolvers fitted with patent safety attachment. Hand must be in position on grip before revolver can be discharged. Use S. & W. Center Fire Cartridges.

### HAND EJECTOR



31/4 inch Barrel, Rubber Stock.

No. 732. —32 cal. Center fire, 6 shots, N. P. Each \$ 16.00 No. 732B.—32 cal. Center fire, 6 shots, Blued " 16.00

Smith & Wesson Hand Ejector revolvers made with solid frame. Used by the police, watchmen, etc. Use 32 S. & W. Long Center Fire cartridges.



### REVOLVERS

#### VEST POCKET



H. & R. Vest Pocket Safety Hammer.  $1\frac{1}{6}$  inch round barrel. Shoots 22 short and 22 long Rim Fire cartridges. 7 shots. Weight  $8\frac{1}{2}$  ounces.

No.	V22-	-Nickel	plated.	Rubber	Stocks.	Each	\$ 3.00
No.	V22B.	-Blued	finish.	Rubber	Stocks.	44	3.50
No.	V22BP	.—Blued	finish.	Pearl	Stocks.	44	4.50

#### DOUBLE ACTION



#### 13/4 inch Barrel, Rubber Stocks.

No. 192222 cal.	Rim fire 7 shots. N	J. P. Each \$ 3.00
No. 1922B.—22 cal.	Rim fire, 7 shots, B	Blued. " 3.50

#### 2 inch Barrel, Rubber Stocks.

No.	193232 cal.	Center fire, 5 shots, N. P.	Each	\$ 3.00
No.	1932B 32 cal.	Center fire, 5 shots, Blued.		3.50
No.	193838 cal.	Center fire, 5 shots, N. P.		3.00
No.	1938B 38 cal.	Center fire, 5 shots, Blued.	44	3.50

#### SINGLE ACTION



Single action. Full nickel plated. Hard rubber handle, pistol grip. Round barrel and cylinder. Uses 22 rim fire cartridges. A serviceable weapon at a popular price.

No. 220.—22 caliber. Rim Fire ..... Each \$ 1.50

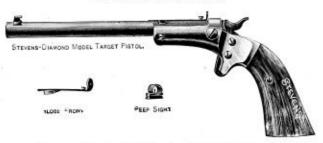
### **PISTOLS**

#### STEVENS TIP UP



No. 41.—Round barrel, octagon breech, 3½ inches in length and blued. Full nickel plated frame. Single trigger and plain Walnut grip stock, nicely finished. Open sight. Weight 7 ounces. Shoots 22 Short Rim Fire cartridges and has great penetration. Excellent for short range mark shooting.

#### STEVENS TARGET



#### STEVENS POCKET OR BICYCLE



Stevens New Model Pocket or Bicycle. Round barrel, octagon breech. Nickel plated frame. Single trigger. Black Walnut Stock with detachable nickel plated skeleton rests. With Stevens combination globe front and Stevens combination rear folding peep sights. Shoots 22 long Rifle Rim Fire cartridges. Will also shoot 22 long and 22 short cartridges but for accuracy we do not recommend them.

No. 40 .- 10 inch barrel. Weight 2 pounds. Each \$ 9.25

### **CARTRIDGES**

### RIM FIRE

### E 653555

22 Long Shot ..... Per 1000 \$ 11.00

### HIPLE D

22 Long Rifle ...... Per 1000 \$ 6.00

### H 22 LONG RIFLE

22 Long Rifle Smokeless. Per 1000 ...... \$ 7.50



22 Extra Long ..... Per 1000 \$ 9.00



22 Winchester . . . . . Per 1000 \$ 9.00 Adapted to Model 1890 22 W. R. F. Winchester Rifle.



22 Winchester Automatic Smokeless.
Per 1000 ..... \$ 10.00
Adapted to Model 1903 Winchester
Automatic Rifle.

H STEVENS

25 Short Stevens .... Per 1000 \$ 10.00



25 Stevens ....... Per 1000 \$ 14.00 Adapted to Winchester and Stevens Single Shot Rifle.



32 R. F. Blank .... Per 1000 10.00



32 Short ..... Per 1000 \$ 10.00



32 Long ....... Per 1000 \$ 11.50 Adapted to Revolvers, Winchester Single Shot and other Rifles.



32 Long Shot ..... Per 1000 \$ 22-00

#### CENTER FIRE—PISTOL SIZES

## 32 SEW

BB Caps .- Round ball Per 1000 \$ 4.00

J CBC

CB Caps .-- Conical ball Per 1000 \$ 4.50

22 R. F. Blank ...... Per 1000 \$ 5.00

Above 100 in a box. 500 in a package.

22 Short ..... Per 1000 \$ 5.00

TOTAL SAL

22 Short Smokeless ... Per 1000 \$ 6-25

...... Per 1000 \$ 6.00

H STATE ON S

SMOKETESS

22 Long Smokeless . . . Per 1000 \$ 7.50

22 Long ...

32 S. & W. Blank ... Per 1000 \$ 11.00



32 S. & W. ...... Per 1000 \$ 11.00 32 S. & W. Smokeless 12.00



32 S. & W. Long ... Per 1000 \$ 12.00 For S. & W.32 hand ejector revolver.



32 Long Colts ..... Per 1000 \$ 12.00 For Colt's Pistols.



32 Colt's Police Positive.



38 S. & W. Blank .... Per 1000 \$ 13-50



38 S. & W. ......... Per 1000 \$ 13.50 38 S. & W. Smokeless 15.50



INSIDE LUBRICATED

38 S. & W. Special .. Per 1000 \$ 16.50 38 S. & W. Special Smokeless



38 Colt's Police Positive.
Per 1000 ...... \$ 13.50



38 Long Colt's D. A. Per 1000 \$ 14.50 Adapted to Colt's Revolvers and Rifles of this calibre.



44 Webley ....... Per 1000 \$ 16.50 Adapted to Webley D. A. Pistols.



44 S. & W. Russian. Per 1000 \$ 20.00 Adapted to S. & W., Russian Model No. 3 and Colt's Revolver.



25-20 Winchester ... Per 1000 \$ 16.00 Adapted to Winchester Repeating Rifles, model 1892.



25-20 Marlin ...... Per 1000 \$ 16.00 Adapted to Marlin Repeating Rifles.



25-20 Single Shot ... Per 1000 \$ 18.00 Adapted to Stevens, Winchester and Maynard single shot Rifles.

## WINCHESTER

32 Winchester ..... Per 1000 \$ 16-00



32 Winchester Smokeless, S. P.



38 Winchester ..... Per 1000 \$ 19.00



38 Winchester Smokeless S. P.



44 Winchester ..... Per 1000 \$ 19.00



44 Winchester Smokeless S. P.

All above 50 in a box. 250 in a package.

STERUNG BRAND FOR QUAUTY STANDS"



### **CARTRIDGES**

#### PISTOL SIZES AUTOMATIC



25 Colt's Automatic. Smokeless ...... Per 1000 \$ 16.50 Adapted to Colt's, Browning and Clement Automatic Pistols.





380 Colt's Automatic. Smokeless ..... Per 1000 \$ 25.00 Adapted to Colt's Automatic Hammerless pistol.



38 Colt's Automatic. Smokeless ...... Per 1000 \$ 26.00 Adapted to Colt's Automatic pistols.

All above 50 in a box; 250 in a package.

### CENTER FIRE SPORTING SIZES











 203SP.—Savage
 Smokeless.
 Soft point bullet.

 Per 1000
 \$ 38.00

 Adapted to Savage Repeating Rifles.





45-70-405.—U. S. Gov't. Lead bullet .... Per 1000 \$ 35-00 Adapted to Winchester and Marlin Repeating Rifles, Springfield, Remington and other Single Shot Rifles.



Adapted to Winchester Single Shot Rifle and Repeating Rifle Model 1894 and to Marlin, Savage and Ballard Rifles.



 32-40SP.—Winchester Smokeless.
 Soft point bullet

 let
 Per 1000 \$ 32.00

 32-40MC.—Winchester Smokeless.
 Metal cased bullet

 Per 1000 \$ 32.00

Adapted to Winchester Single Shot Rifle and Repeating Rifle Model 1894 and to Marlin, Savage and Ballard Rifles.



38-55.—Winchester Black powder. Lead bullet.
Per 1000 ...... \$ 33-00

Adapted to Winchester Single Shot Rifle and Repeating Rifles model 1894 and to Ballard, Marlin and Savage Rifles.



38-55SP.—Smokeless. Soft point bullet. Per 1000 \$ 40.00
Adapted to Winchester Single Shot Rifle and Repeating Rifles model 1894 and to Savage, Marlin and Ballard Rifles.



38-55MC.—Smokeless. Metal cased bullet. Per 1000 \$ 40.00 Adapted to Winchester Single Shot Rifle and Repeating Rifles model 1894 and to Savage, Marlin and Ballard Rifles.



Adapted to Winchester and Marlin Repeating Rifles, Springfield, Remington and other Single Shot Rifles.

All above 20 in a box.



### LOADED SHELLS

#### U. M. C. NEW CLUB



Loaded with Black Powder. 12 GAUGE.

Load	Drams	Ounces	· Size	Per
Number	Powder	Shot	Shot	1000
128	31/4	11/8	8	\$ 26.50
127	31/4	11/8	7	26.5
126	31/4	11/8	6	26.50
125	31/4	11/8	5	26.5
124	31/4	11/8	4	26.5
123	31/4	11/8	3	26.5
122	31/4	11/8	2	26.5
121	31/4	11/8	1	26.5
12 Ball	31/4	1	Ball	30.5
136	31/2	11/8	6	27.00
135	31/2	11/8	5	27.00
134	31/6	11/8	4	27.00
154	3½ 3¾	11/8	4	27.50
153	33/4	11/8	3	27.50
152	33/4	11/8	2	27-50
150 BB	33/4	11/8	BB	29.50
	10	GAUGE.		
246	4	11/8	6	29.00
245	4	11/8	5	29.00
244	4	11/8	4	29.00
	16	GAUGE.		
616	3	1	6	26.50
615	3	1	5	26.50
614	3	1	4	26.50
	20	GAUGE.		
746	21/2	7/s	6	24.50
745	21/2	7/8	5	24.50
744	21/2	%	4	24.50

2 Primer.

#### WINCHESTER NEW RIVAL



Loaded with Black Powder.

	1	Z GAUGE.		
Load Number	Drams Powder	Ounces Shot	Size Shot	Per 1000
206	3	1 1	6	\$ 25.00
205	3	1	5	25.00
204	3	1	4	25.00
238	31/4	11/8	8	26.50
237	31/4	11/8	7	26.50
236	31/4	11/8	6	26.50
235	31/4	11/8	6 5	26.50
234	31/4	11/8	4	26.50
233	31/4	11/8	3	26.50
232	31/4	11/8	3 2	26.50
231	31/4	11/8	1	26.50
28 BB	33/4	11/8	BB	29.50
	10	GAUGE.		-
126	4	11/8	6	29.00
125	4	11/8	5	29.00
124	4	11/8	4	29.00
	16	GAUGE.		
426	3	1	6	26.50
425	3	1	5	26.50
424	3	1	4	26-50
Cesso	2	8 GAUGE.		
636	13/4	5/8	6	22.50
634	13/4	5/8	4	22.50

### WINCHESTER REPEATER



Loaded with DuPont Smokeless Powder.

	1	2 GAUGE.		
Load Number	Drams Powder	Ounces Shot	Size Shot	Per 1000
R76D3	3	11/8	8	8 37.50
R76D7	3	11/8	7	37.50
R76D6	3	11/8	6	37.50
R76D5	3	11/8	5	37.50
R76D4	3	11/8	4	37.50
R78D7	31/4	11/8	7	38-50
R78D6	31/4	11/8	6	38-50
R78D5	31/4	11/8	5	38-50
R78D4	31/4	11/8	4	38.50
R76D BB	3	11/8	BB	40.00
R70D Ball	3	1 1	Ball	41.50
	12 GAUGE	CHILLED	SHOT.	
R76D8C	3	11/8	8	\$ 40.00
R76D7C	3	11/8	7	40.00
R76D6C	3	11/6	6	40.00
R76D5C	3	11/8	5	40.00
R76D4C	3	11/8	4	40.00
R78D7C	31/4	11/8	7	41.00
R78D6C	31/4	11/6	6	41.00
R78D5C	31/4	11/8	5	41.00
R78D4C	31/4	11/8	4	41.00
12 GAU	GE. TRAP	LOAD. CI	HILLED S	нот.
R76D71/2C	3	11/8	71/2	\$ 40.00
R38D71/6C	31/8	11/4	71/2	42.50
R79D71/2C	31/4	11/4	71/2	42.50
	16	GAUGE.		
R61D8	21/2	1	8	\$ 35.00
R61D7	21/2	1	7	35.00
R61D6	21/2	1	6	35.00
R61D5	21/2	1	5	35.00
R61D4	21/2	1	4	35.00
	20	GAUGE.		
R51D7	2	3/4	7	8 32.00
R51D6	2	3/4	6	32.00
R51D5	2	3/4	5	32.00
	28	GAUGE.		
R23D6	13/4	%	6	\$ 40.00
R23D71/2	13/4	5/8	71/2	40.00

Loaded wi	th L and R	Infallible GAUGE.	Smokeless	Powder.
Load Number	Grains Powder	Ounces Shot	Size Shot	Per 1000
R76L8	24	11/8	8	1 8 37.50
R76L7	24	11/8	7	37.5
R76L6	24	11/8	6	37.50
R76L5	24	11/8	5	37.50
R76L4	24	11/8	4	37.50
R76L3	24	11/8	3	37.50
R76L2	24	11/8	2	37.50
	12 GAUGE	CHILLEI	SHOT.	
R76L8C	24	11/8	8	\$ 40.00
R76L7C	24	11/8	7	40.00
R76L6C	24	11/8	6	40.00
R76L5C	24	11/8	5	40.0
R76L4C	24	11/8	4	40.00
12 GAU	GE. TRAP	LOAD.	CHILLED	SHOT.
R76L7½C	24	11/8	71/2	\$ 40.00
R38L71/2C	25	11/4	71/2	42.50
R79L7½C	26	11/4	71/2	42.50
	16	GAUGE.		
R61L8	20	1	8	\$ 35.00
R61L7	20	1	7	35.00
R61L6	20	1	6	35.00
R61L5	20	1	5	35.0
R61L4	20	1	4	35.00

All Shells 25 in a box; 500 in a case.



### LOADED SHELLS

#### U. M. C. NITRO CLUB



Loaded with DuPont Smokeless Powder.

#### 12 GAUGE.

Load Number	Drams Powder	Ounces	Size Shot	Per 1000
X7D8	3	11/a	8	\$ 37.50
X7D7	3	11/4	7	37-50
X7D6	3	11/4	6	37.50
X7D5	3	11/8	5	37.50
X7D4	3	11/9	4	37.50
X7D3	3	11/4	3	37-50
X7D2	3	11/8	2	37.50

X7D71/2C	3	11/8	71/2	8 40.00
X7D7C	3	11/8	7	40.00
X7D6C	3	11/8	6	40.00

10 GAUGE.					
X11D6	31/4	11/8	6	\$ 41.00	
X11D5	31/4	11/8	5	41.00	
X11D4	31/4	11/8	4	41.00	

Nitro Club Shells (Pink Color) steel lined and primed with UMC No. 33 Primer with battery cup.

#### NITRO CLUB SCATTER LOAD



Loaded with DuPont Smokeless Powder.

#### 12 GAUGE.

Load	Drams	Ounces	Size	Per
Number	Powder	Shot	Shot	1000
SLX7D7½	3	1½	7½	8 40.00
SLX7D6		1½	6	40.00

UMC Nitro Club Scatter Load Shells give uniform pattern with greater penetration at 25 yards than is obtained with regular loads at 40 yards. The advantage will be apparent to brush and field sportsmen who have often missed or mutilated game at short range with choke bored guns.

#### WINCHESTER REPEATER BRUSH



Loaded with L. & R. Infallible Dense Smokeless Powder. 12 GAUGE.

Load Number	Grains Powder	Ounces	Size Shot	Per 1000
R76L71/2B	24	11/8	71/2	\$ 40.00
R76L6B	24	11/8	6	40.00

The above is a new shell for field and brush shooting. So loaded as to give uniform pattern at ranges of from 25 to 30 yards when used in choke bore guns and for that reason desirable for bird shooting. The special advantage in these shells lies in the fact that the open and even pattern is obtained without loss of velocity, penetration or uniformity.

#### WINCHESTER LEADER



Loaded with DuPont Smokeless Powder.

#### 12 GAUGE.

Load Number	Drams Powder	Ounces Shot	Size Shot	Per 1000
76D7	3	11/8	7	\$ 48.50
76D6	3	11/4	6	48-50
76D5	3	11/8	5	48.50
76D4	3	11/8	4	48.50
78D6C 78D5C 78D4C	3½ 3¼ 3¼ 3¼	1½ 1½ 1½	6 5	\$ 52.00 52.00 52.00
12 GAU		LOAD. CI	ULLED S	
		Zamaning other and		
38D71/2C	31/8	11/4	71/2	\$ 53.50
79D7½C	31/4	11/4	71/2	53.50

Loaded with L. & R. Infallible Dense Smokeless Powder.

#### 12 GAUGE.

Load Number	Grains Powder	Ounces Shot	Size	Per 1000
76L8	24	11/8	8	8 48.50
76L7	24	11/8	7	48.50
76L6	24	11/8	6	48.50
76L5	24	11/8	5	48-50
76L4	24	11/8	4	48.50

12 (	GAUGE.	TRAP	LOAD.	CHIL	LED	SHOT.	
79L7½C		26	11/4		71/2	- 8	53.50

Leader Shell (Red Color) has a long outside cup or head which is re-inforced on the inside with a short metal cup, primed with the Winchester New No. 4 Primer. The ignition is especially quick and thorough.

#### U. M.C. ARROW



Loaded with DuPont Smokeless Powder.

#### 12 GAUGE.

Load Number	Drams Powder	Ounces Shot	Size Shot	Per 1000
7D7	3	11/8	7	\$ 48.50
7D6	3	11/8	6	48-50
7D5	3	11/8	5	48.50
7D4	3	11/8	4	48.50

#### 10 GAUGE.

11D6	31/4	11/8	6	\$ 56.00
11D5	31/4	11/8	5	56.00
11D4	31/4	11/8	4	56.00

Arrow Shell (Salmon color) has a long brass head with battery cup and is primed with the UMC No. 33 Primer. Steel lined which form of re-inforcement materially improves the shooting qualities, giving superior velocity, pattern and penetration.

All Shells 25 in a box; 500 in a case.

### SHOT



Per bag of 25 pounds \$ . .

### **PRIMERS**

		(3)		(6)	<b>6</b>	<b>(a)</b>	No. 21/2	<b>(4)</b>		
		No. 1	No. 1W	No. 11/6	No. 11/2 W	No. 2	No. 21/2	No. 21/2		
No.	1.	-w	inchester Improved.	Adapted to 33	extra long, 22, 32,	38 and 44 Win	n., 38 extra long	s, 44 Evans,	and	
		45-	-70 Marlin cartridges					Per	1000	\$ 2.00
No.	1W.		inchester Improved.						**	2.00
			inchester Improved.							
			., 38 long Colt D. A.,						**	2.00
No.	11/67		inchester Improved.						46	2.00
			inchester Improved.							
			., 50 pistol cartridge						46	2.00
No.	21/2.		inchester Improved.						48.	2.00
			inchester Improved.						**	2.00
			1 Nos. 1% and							

### GUN CAPS

		<u> </u>		Contract of the Contract of th
	dille	enup	TO D	
	GD	FL	EB	Musket
G. D.	-Gun Caps.	100 in a tin box		Per 1000 \$ -80
F. L.	-Sizes 10, 11	and 12. Foil lined. 100 in a brass bo	X	" 1.00
E. B.	-Sizes 10, 11	and 12. Foil lined, center fire. 100 in	a brass box	" 1.30
Muske	tU. S. Army	v. 100 in a tin box		" 1.50
		1000 in a package. So	ld only in full packages.	

### EMPTY SHELLS



### GUN WADS





250 in a box; 1000 in a package.

BAR LEAD

ST. LOUIS BAR LEAD

Bar Lead .- Small bars, 25 pounds in a wood box. Per pound \$ .101/2

### SPORTING POWDER



Write for special booklet on smokeless shot gun or rifle powders.

Powder cannot be shipped with hardware orders. Shipped only
from Magazine direct.



### CLAY PIGEONS

BLUE ROCKS



# CLAY PIGEON TRAPS



Ping Pong Trap.—Designed for camping and picnic use, and also to teach a beginner to handle a gun. Taken out in the fields very good practice can be had for regular field shooting. Each \$ 1.50 One in a box.

#### EXPERT



#### EXTENSION SPRING

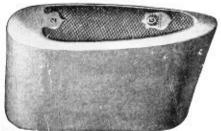


Extension Spring Trap.—Designed for individual and club use—the same trap as the Expert above described with the exception of the base which is not designed for quick change of angle.

Each One in a case.

### GUN PADS

RUBBER



Red Rubber Recoil Pads. Made of fine red rubber with a patented cushion that will be found very satisfactory. Highly recommended by sportsmen.

LACED





No. 500.—Leather Recoil Pads. Made of Russet leather and padded. Laces at the side. Per doz. \$ 9.00 One dozen in a box.

### CHEEK PADS



Rowley.—Soft leather and soft pad. Metal eyelets.

A device for straightening a gun or preventing it from bruising the face. Made to fit any gun and to straighten 1/6, 1/4 or 3/6 inches. Prevents flinching. Quickly adjusted.............................. Each \$ 2.25 Six in a box.

### HAND PROTECTORS



Straight Medium Extra Double Extra

Heikes Hand Protector. Fine quality steel and covered with red morocco leather. The best protection for the hand. Adapted to the use of trap shooters. Will positively protect the hands from hot gun barrels while trap shooting. Six in a box.

No. 6.—6-inch medium pattern. For 12 gauge. Each \$ 1.00 Other lengths, gauges and styles can be furnished from factory direct—the one quoted is in most general



### GUN OIL









Nos. 1, 2 and 3	1101 110	210.20		
Three-in-one oil. Cleans,	polishes, prevents ru	ist and lubricates shot guns	and rifles. Removes b	urnt powder, etc.
No. 1 Small size. Two dozen	in a box			Per dozen \$ 120
No. 2 Large size. One dozen	in a box			. " 2.70
No. 3 Factory size. One dozen	in a box			. " 6.00
Sterling oil. The perfect	lubricant. Reaches	every action point of gun or	revolver. Always re-	ady for use.
No. 120 1/2-pint cans. With oi	iler spout. Three doz	en in a case		.Per dozen \$ 1.80
Many-use oil. Thick enou	igh not to dry out an	d thin enough not to gum.	For guns, rifles and	revolvers.
No. 2C 2-ounce spout cans, rev	versible. One dozen i	n a box		Per dozen \$ 120
No. 2B 2 ounce bottles. One	dozen in a box			. " 1.00

### GUN GREASE

### MAXIM SILENCERS





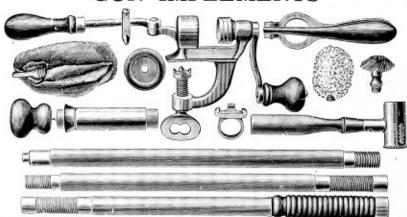
One in a box.

In ordering specify the model and make of rifle for which Silencer is desired.

Silencers suitable for larger caliber rifles can be furnished from factory direct.

GUN IMPLEMENTS

Write for information.





### GUN IMPLEMENTS

CLEANING RODS

No. 0. BENCH CLOSER









-12 gauge. Birchwood. Brass trimmings 95.and implements, including swab, scratch brush Per dozen \$ 3.00

mings and implements, including swab, scratch One-half dozen in a box. brush and wiper 14.40

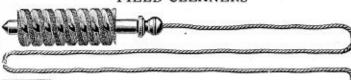
#### TOMLINSON GUN CLEANERS



Tomlinson Gun Cleaner .- 12 gauge. Adjustable to all cleaning rods and field cleaners. Removes all lead, rust spots, etc., from breech to muzzle 

Extra Sides.—For Tomlinson cleaners. Per doz. prs. \$ 1.50

#### FIELD CLEANERS



No. 442 .- 12 gauge. Consists of wire bristle brush, cord and weight for dropping through the gun barrel. Each in canvas case that can be carried ...... Per dozen \$ 9.00 in vest pocket ... One-fourth dozen in a box.

#### RIFLE CLEANING RODS

No. 505 .- 22 Caliber. Twisted copper wire 27 in. in length with ringed handle. Twisted end of pure ...Per dozen \$ .45 bristles .... One dozen in a bundle.

No. 510 .- 22 Caliber. Coppered rod 1/8-inch and 28 in. long. One end flatted and slotted with the jagged tip. With Steven's special patent ring which prevents injury to the barrel. Per dozen \$ .45 -32 Caliber and larger. Coppered rod 5/32 No. 512 .-

and 30 in. long. One end flatted and slotted with the jagged tip. With Steven's special patent ring which prevents injury to the barrel, Per dozen \$ One dozen in a bundle.

No. 540.—Suitable for 22 and 32 Caliber. 4 joint. 3/16-inch brass rod 32 in. long. Tapped at ex-treme end, standard thread, to take regular bristle or wire brush tips. With cocobolo swivel handle . One dozen in a box...... Per dozen \$ 4.50

#### REVOLVER CLEANERS

No. 58A .- Revolver cleaners. Twisted galvanized wire, pure bristle end, length from 6 to 8 inches. Assorted calibers 22, 32 and 38.......Per dozen \$ .50 One dozen in a bundle.



No. 0 .- 12 gauge. Japanned, case-hardened lever, 

#### LOADING SETS



No. 159.—12 gauge. Comprises four implements, viz., loader, recapper, powder and shot measure and extractor .. Per dozen sets \$ 5.25 One-twelfth dozen in a box.

#### LOADER



-12 gauge. Birch. Polished nickel spun tube and fine steel cap expelling pin. Per dozen \$ 2.00 One dozen in a box.

#### RECAPPER



No. 1180B.—12 gauge. Japanned iron....Per dozen \$ 1.35 One dozen in a box

#### SHELL EXTRACTOR



No. X .- 12 gauge. Nickeled iron ...... Per dozen \$ .90 Three dozen in a box.

#### POWDER AND SHOT MEASURE



No. 20R .- Birch, Rammer handle. Dull nickel finish. 21/2 to 43/4 drams; 1 to 21/8 ounces. Per dozen \$ 2.70 One dozen in a box.

STERUNG BRAND FOR QUALITY STANDS"

54.00

63.00

### HUNTING COATS



No. 100

No. 200

No. 300 and 400

No. 500

No. 100.—Eight-ounce dead-grass color duck. Corduroy collar. Per dozen

No. 200.—Eight-ounce dead-grass color duck. Corduroy collar. Six outside pockets with flaps, two inside game

18.00



No. 600.—Eight-ounce dead-grass color Army duck, drill lined. Corduroy collar and adjustable cuffs. Six outside pockets double stitched and reinforced. Three game pockets with entrance from front edge and back seams. Shoulders reinforced. Fancy stitching around entrance to game pockets. Cut-in

No. 700.—Ten-ounce dead-grass color Army duck, full Khaki lined. Corduroy collar and adjustable cuffs. Six outside pockets double stitched, reinforced and with flaps. Three game pockets with entrance from front edges and back seam. Stitched facing. Shoulders reinforced. Pockets cut-in.... Per dozen

No. 800.—Ten-ounce Khaki, full lined with eight ounce Khaki. Corduroy collar and adjustable cuffs. Six out-

No. 1000.—Eight-ounce army duck, sage-green color. Full lined throughout with same material. Corduroy collar and adjustable cuffs. Gusset under arms. Reinforced and padded shoulders. Hunting pattern.

Per dozen

One-twelfth dozen in a carton.

All above coats carried in stock, 38, 40, 42, 44, 46 and 48 inches.



### SHELL VESTS





Nos. 150 and 250.

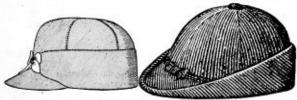
No. 350. No. 150 .- Eight ounce dead-grass color duck. Loops for shells 10, 12 or 16 gauge.

Per dozen ..... \$ 13.50 No. 250 .- Eight ounce dead grass color army Loops for shells 10, 12 or 16 ..... Per dozen 18.00

No. 350 .- Ves-tong automatic. Canvas back duck, olive green color. Holds 40 shells of 10, 12 or 16 gauge. Keeps the shell clean and dry. When one shell is pulled out another automatically takes it place. Per dozen

All above vests carried in stock 36, 38, 40, 42, 44 and 46 inches. One-half dozen in a carton.

### HUNTING CAPS



No. 650. No. 650.—Eight ounce Army duck, dead grass With flannel lined cape. Single color. stiff visor ..... Imported corduroy. V Per dozen \$ 6.00 No. 750 .-Windsor style. Sateen lined ...... ..... Per dozen One dozen assorted in a carton.

### TROUSERS

Sizes 63/4, 67/8, 7, 71/8 and 71/4.





-Standard Government Khaki. Business No. 450.style. Cut-in front and back pockets. ..... \$ 22.50 .Per dozen back pockets .. Sizes 32, 34, 36, 38, 40 and 42 inch waist; 33 inches in

length. One-twelfth dozen in a carton.

### SHELL BELTS



No. 80 .- Plain canvas with web loops and cartridge stop. Plain roller buckle. Suitable for 10, 12 or 16 gauge shells. Per dozen \$ 3.00



No. 85 .- Heavy web with web loops and large ornamental billet. Anchor buckle. Shoulder straps. For 10, 12 or 16 gauge shells. Doz. \$ 6.00



No. 90 .- Leather, 2 inches wide and with roller buckles. With shoulder straps. Suitable for 10, 12 or 16 gauge shells. Per dozen \$ 9.00

### KNEE LEGGINGS





7.50

9.00

Nos. 120 and 125. Nos. 105, 110 and 115. No. 105 .- Ten ounce duck, tan color. Bound top and bottom ...... Per dozen pairs \$ 6.00 Fifteen ounce duck, tan color. Bound No. 110.top and bottom ...... Per dozen pairs Gray covert cloth, blanket lined. Bound

top and bottom ...... Per dozen pairs 6.75Eighteen ounce tan duck. Bound top, bottom and side, and heel reinforced.

Per dozen pairs ..... No. 125 .- Double duck 6 ounce on 6 ounce. Full bound top, bottom and sides and heel reinforced .. ..... Per dozen pairs

Sizes 14, 15, 16 and 17 inches carried in stock. One-half dozen pairs in a package.

### GUN AND RIFLE CASES





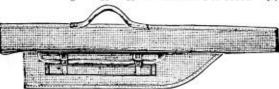


No. 20.—Ten ounce tan duck, flannel lined.

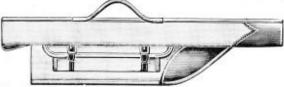
Leather handle and flat end. Full bound.

For double barrel shot guns 28 or 30 inch
barrels Per dozen \$ 6.00

No. 25.—Ten ounce tan duck, flannel lined. Leather handle and end, full bound. With flat rod pocket. For double barrel shot guns 28 or 30 inch barrels. Per dozen 6.75



No. 30.—Fifteen ounce tan duck, flannel lined.
With leather handle and end, full bound.
With rod pocket. For double barrel shot
guns 28 or 30 inch barrels. Per dozen \$ 10.50



No. 35.—Fifteen ounce tan duck, flannel lined.
Full bound, lock and muzzle protected.
Moulded leather end. With rod pocket.
For double barrel shot guns 28 or 30
inch barrels.

Por dozen s



No. 45.—Heavy waterproof covert cloth, blanket lined. Rubber innerlined. Full bound. Lock and muzle leather protected. Moulded leather end. For double barrel shot guns 28 or 30 inch barrels. Per doz.



No. 50.—Twenty ounce tan duck, flannel lined.
Full bound, lock and muzzle protected
with leather and having two straps
around case. For double shot guns 28
or 30 inch barrels .............. Per dozen \$ 18.00



No. 55.—Twenty ounce tan duck, flannel lined.

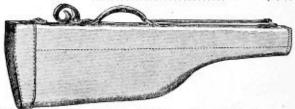
Leather bound, lock and muzzle leather protected. Leather handle and end.

With shell bag, rod pocket and two leather straps. For double barrel shot guns 28 or 30 inch barrels. Per dozen \$ 22.50



No. 60.—Heavy Russet leather, unlined. With rod pocket. For double barrel shot guns 28 or 30 inch barrels ...... Each § 3.75





No. 70.—Heavy Russett leather, flannel lined.
Imitation lock buckle. Handle and sling
Nickel trimmings. For double barrel
shot guns 28 or 30 inch barrels. Each \$ 5.00



No. 75.—Orange leather, flannel lined. Lock buckle and nickel trimmings. Handle and sling. Flannel rod pocket under partition. For double barrel shot guns 28 or 30 inch barrels ...... Each \$ 5.75

All above, one-twelfth dozen in a package.

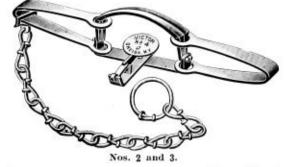
15.75



### GAME TRAPS

#### VICTOR

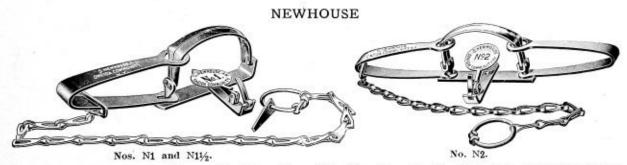




Nos. 0, 1 and 11/2.

Victor Game Traps. Steel wire chain with ring and staple. Spring made of finest spring steel carefully tempered. Fitting between pan and dog allows of a very delicate adjustment.

No. 0Spread of jaws 31/2 inches. Single sp	pring.	Rat and GopherPer	dozen \$	4.25
No. 1Spread of jaws 4 inches. Single s	pring.	Muskrat, Skunk, Mink and even larger animals	64	5.00
No. 11/2 Spread of jaws 4% inches. Single s	pring.	Mink and Fox	44	7.50
No. 2 -Spread of jaws 47/4 inches. Double s	pring.	Fox	**	10.50
No. 3. —Spread of jaws 51/2 inches. Double s	pring.	Otter	44	14-00



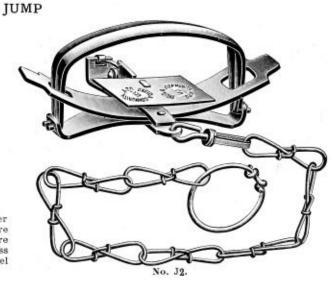
Newhouse Traps. Best quality crucible steel springs. Flat link chain, smooth and flexible. Smoothly finished and carefully fitted. Suitable for use of trappers.

No. N1Spread of jaws 4 inches. Single spring. Muskrat, Skunk, Mink and even larger animals. P	er dozen \$	5.00
No. N11/2.—Spread of jaws 47/8 inches. Single spring. Mink and Fox	**	7.50
No. No. Spread of jaws 47/ inches Double spring Fox.	**	10.50



Nos. J1 and J11/2.

Jump Traps. Lighter in weight and therefore easier to carry than other styles. They lie very flat and are easily secreted in the runways of animals. The jaws are strong, having full, wide meeting faces, much less likely to break the animals leg. Complete with steel wire chain.

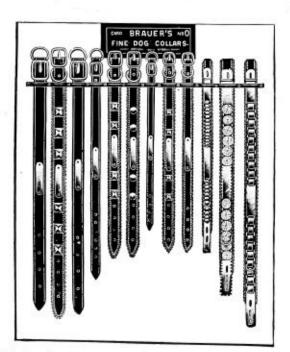


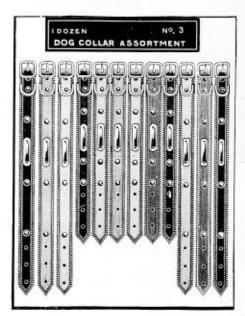
		Muskrat, Skunk, Mink, etc	Per dozen \$	5.00
No. J11/2.—Spread of jaws 51/8 inches.	Single spring.	Mink	**	7.50
No. J2Spread of jaws 51/2 inches.	Double spring.	Coon or Skunk	**	10.50

### DOG COLLAR ASSORTMENTS



No. N.—Assortment. 1 dozen % inch buckle collars in assorted colors. Nickel trimmings. On display card .................... Per card \$ 1.50



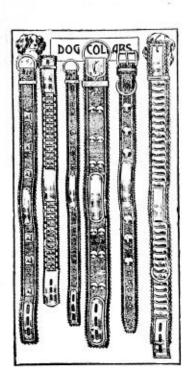


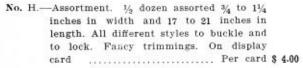


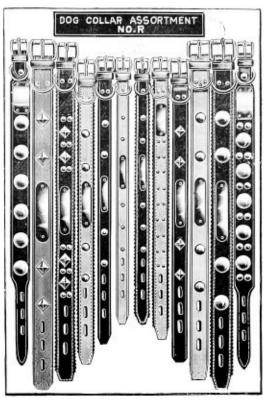
Each card in heavy paper envelope.



## DOG COLLAR ASSORTMENTS

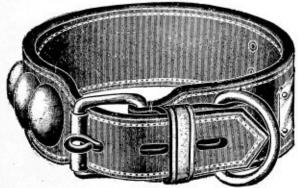






Each card in heavy paper envelope.

## BULL DOG COLLARS





Heavy Black Leather with brass spots and loop tongue buckle. Can use with or without lock.

One-half dozen in a box.

## DOG COLLARS



Russet Leather, riveted. Nickel plated trimmings. With buckle.

No	99 - 54	in.	wide.	11.	13 ar	d 15 in	long.	Per doz.	8	1.60
No	93 3/4	in	wide.	13.	15 ar	d 17 in	long.	**		2.40
No.	95.—1	in	wide,	15	17 21	d 19 in	long.	**		3.00
No.	97.—11/4	in.	wide,	37	10 01	d 91 in	long.	84		4.80
No.	971/4	in.	wide,	10	21 21	id 23 in	long.	**		6.00

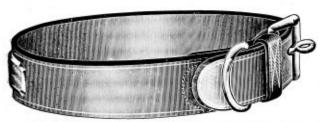
One dozen in a box.



Black Harness Leather, chamois lined. Assorted spots. Brass trimmings. Loop tongue buckle. Can be used with or without lock.

No. 713 3/4 in. wide, 13, 15, 17 in. long.	Per dozen	\$ 6.00
No. 7151 in. wide, 15, 17, 19 in. long.	**	8.00
No. 71711/4 in. wide, 17, 19, 21 in. long.	44	10.00

One dozen in a box.



Black Leather, with loose tongue buckle. Can be used with or without lock.

No. 93BL 3/4	in.	wide,	13,	15,	17	in.	long.	Per doz.	\$ 3.00
No. 95BL1	in.	wide,	15,	17,	19	in.	long.		4.00
No. 97BL 11/4	in.	wide,	17,	19,	21	in.	long.	1.	6.00

One dozen in a box.



Pearl Gray Ooze Leather. Chamois lined. Nickel plated spots and trimmings. Two rows of spots. With staple for lock.

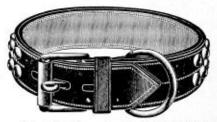
No. 745.—1 in. wide, 15, 17 and 19 in. long Per dozen \$ 9.00 One dozen in a box.



Heavy Black Harness Leather, single thickness. Loop tongue buckle. Brass trimmed. Can be used with or without lock.

No. 662 5	in.	wide,	12.	14.	16	in.	long.	Per	doz.	\$ 4.00
No. 663 3	in.	wide,	13,	15,	17	in.	long.			4.80
No. 665.—1	in.	wide,	15.	17.	19	in.	long.	- 44		6.00

One dozen in a box.



Heavy Black Leather, Russet leather lined. Sewed between spots. Loop tongue buckle and brass trimmings. Can be used with cr without lock.

No. 613.— 3/4 in. wide, 13, 15, 17 in. long.	Per dozen \$	10.00
No. 6151 in. wide, 15, 17, 19 in. long.		12.00
No. 61711/4 in. wide, 17, 19, 21 in. long.	"	14.00
One dozen in a box.		



. Fine Russet Leather, felt lined. Assorted small and large spots. Nickel plated trimmings. Loop tongue buckle. Can be used with or without lock.

No. 482 5	in.	wide,	12,	14,	16 in	. long.	Per dozen	\$ 4.00
No. 483 3	in.	wide,	13,	15,	17 in	. long.	44	6.00
No. 485.—1	in.	wide,	15,	17,	19 in	. long.	**	8.00

One dozen in a box.



Heavy Black Leather, doubled and stitched. Closely spotted with large Acorn spots. Loop tongue buckle and brass trimmed. Can be used with or without lock.

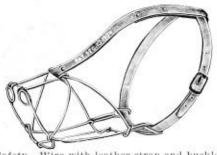
No.	202	5% in.	wide,	11,	13,	15	in.	long.	Per	dozen	\$ 8.00
No.	203	3/4 in.	wide,	13,	15,	17	in.	long.			10.00
No.	205 1	in.	wide,	15,	17,	19	in.	long.		4	12.00

One dozen in a box.

The lengths given are from the first hole (nearest end) to buckle tongue or staple.



## DOG MUZZLES



Safety. Wire with leather strap a	nd buckle.	
No. 1.—Extra small	Per dozen	\$ 3.50
No. 2.—Small	**	3.50
No. 3.—Medium		3.50
No. 4.—Medium large		3.50
No. 5.—Large		3.50
No. 6.—Extra large	**	3.50
One dozen in a bundle.		



Russet Leather. Adjustable.

No. 10.—½ inch wide. Suitable for black and tan or small size dogs ........... Per dozen \$ 3.50

No. 11.—% inch wide. Suitable for Setters, Pointers, or medium size dogs ..... Per dozen 4.50

## WHISTLES



No. 500.—Duplex. Length 31/2 inches. Nickel plated. With chain. One doz. in a box. Per doz \$ 3.50



No. 2.—Britannia Dog Calls. Length 1% inches. Nickel-plated. One doz. in box...Per doz. \$ 2.50







 No. K1.—Turkey call. Cocobolo with horn tip. One dozen in a box ................. Per dozen \$ 7.00



## DOG LEADS



Safety. Nickel-plated. Heavy cut links. With snap swivel and finger ring. A strong light lead, yet one that will hold the largest dog. Each in an envelope. One dozen in a box.

No. 4. Per dozen \$ 3.00 km.



STERUNG BRAND FOR QUALITY STANDS

12.00

#### REACH BASE BALLS







No. 11



No. 4A

No. 0. —Official American League. Official for all Leagues. Superfine wool yarn, pure Para rubber and cork center, and best shape—guaranteed to last a full game of nine innings. Wrapped in tin foil. Per dozen \$ 24.00

Each in a separate carton and sealed. One dozen in a box.



No. 7



No. 8



No. 9

Each in a separate carton and sealed. One dozen in a box.



No. 11



No. 11B



No. 12

One dozen in a box.

12.00



#### REACH BASE BALL BATS



Will a Bearing to the

No %

No. 3-0.—Reach Special. High grade second growth white ash. Hand turned, burnt and burnished, taped handle.

Per dozen

(F) Frank NYCL

No. 81. —Reach Professional. Fine grade white ash. Burnt finish, well balanced ................. Per dozen \$ 8.00

14 1000

( UDTAM

100 A 100 A

## REACH CATCHERS' MASKS



No. 20S



Va 00



No. 25S



No. XX



Nos. CM & DM

No. 20S.—Heavy steel wire, gun metal finish. Patented transparent sun shade and face pads 3.00
No. 2S.—Heavy steel wire, gun metal finish. Patented leather and canvas face pads 2.20
No. 25S.—Heavy steel wire, bright finish. Well padded and extra strong 2.20
No. XX.—Medium weight bright steel wire, full size. Well padded Per dozen 18.00
No. CM.—Youths' size. Strong bright wire. Well padded 8.40
No. DM.—Youths' size. Strong bright wire. Little lighter than Number CM. 4.50

Numbers 20S, 2S and 25S, one in a box; balance one-half dozen in a bundle.



REACH INFLATED PROTECTORS



A.







## REACH FIELDERS' GLOVES









No. OOW

No. SWN

No	OBL. —Drab "Reaco" Buck Skin. Leather lined, welted, web thumb. Professional model. Thoroughly bin	roken Each	\$ 4.50
No	. 02. —Brown "Reaco" Calf Skin. Leather lined, welted, web thumb. Model similar to OBL	44	4.00
No	OOWMouse Colored "Reaco" Buck Skin. Leather lined, welted, web thumb. OBL pattern	**	3.50
No	SWN.—Black "Reaco" leather. Padded with asbestos felt, welted, web thumb. Patent inside hump.  Full leather lined		3.00









No. 58

No. 3GN

No. 9G

No. 2G

No. 58. —Finest Ecru Calf Skin, Leather lined. Best felt pad	ing. Welted. Web thumb Each \$ 2.5
No. 58RSame as 58 for use on right hand, for left hand the	ower " 2-5
No. 3GN.—Black Tan Leather. Best felt padding. Welted. We	b thumb. Deep pocket. Leather lined " 2.2
No. 9GSmoke colored leather. Leather lined. Padded with	est felt. Welted. Web thumb. Inside hump " 2.0
No. 9GR.—Same as 9G for use on right hand, for left hand to	rower " 2.0
No. 2G. —Smoke Colored Leather. Leather lined. Web thuml	and inside hump " 1.8













Nos. 10G & 10N

No. 18

4.00

선물이 어린다는 전화 500 N H						144. Z4	
No. 10G. —Brown Tan leather.	Leather lined.	Felt padding.	Web thumb.	Deep pocket		Per dozen	\$ 16.00
No. 10N. —Black Tan leather.	Leather lined.	Felt padding.	Web thumb.	Deep pocket		44	16.00
No. 10NR.—Same as 10N for use	e on right hand,	for left hand	thrower				16.00
No. 54N. —Black Tan leather.	Leather lined.	Well padded. ie-twelfth dozen	Web thumb.	Inside hump		"	12.00
No. 18. Pearl colored leather. Per dozen	************	Inside hump. I		d web thumb.	Leather Pa	lm lining.	8-00
No. 24.—Brown Tan leather. F Per dozen	elt padded. Ins	side hump. Dee	p pocket and	web thumb.	Leather Pa	lm lining.	

One-half dozen in a box. STERUNG BRAND FOR QUALITY STANDS"



#### REACH CATCHERS' MITTS









No. 2A No. 32 6A.—Brown "Reaco" Calf Skin of finest quality. Face and strip of one piece, moulded. Thoroughly broken in. Deep pocket and laced thumb. Special hand sewedpad of asbestos felt forming inside hump. Dou-6A .ble stitched throughout ... Each 3A.—Pearl "Reaco" Calf Skin, Olive leather trimmings. Fitted with patent lacing device, laced thumb. Each \$ 11.00 Deep pocket, padded with best asbestos felt. Double stiffening on edge and back to protect fingers. and deep pocket. Double stiffening on edge and back to protect fingers. Padded with best asbestos felt. All parts double stitched. Strap and buckle at wrist. New modeled style 8.50 No. 32. - Olive "Reaco" Calf Skin. Finest quality face and strip of one piece, moulded. Made with deep pocket and laced thumb. Special hand sewed pad of asbestos felt. Double stitched throughout . . . . . Each 7.00 No. 30. - Ecru "Reaco" leather of finest quality. Face and strip of one piece, moulded. Patented deep pocket and laced thumb. Special hand sewed pad of asbestos felt. Double stitched throughout ...... Each 5.50 One in a box.









Nos. DD, DN, 200, 20N, 150 & 150N Back of DD & DN Nos. BP & BN No. BP. -Olive Calf Skin back, fingers and face, black calf skin strip. Deep pocket, inside hump, laced thumb. Large model

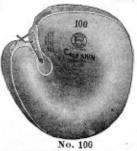
No. BN —Finest Black Calf Skin throughout, otherwise same as BP

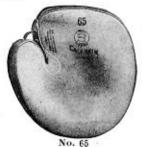
4.06

No. DD. —Drab Buck Skin face and fingers. Strip and back of brown tan leather. Sole leather finger protector.

(See back view above). Deep needs invide hunt lead to be a leather of the leather finger protector. (See back view above). Deep pocket, inside hump, laced thumb, strap and buckle at wrist ...... Each 3.50 No. DN. -Finest Black Calf Skin face and fingers, back and strip of black tan leather. Otherwise same as DD. Each 3.50 No. 200 .- Smoke color Buck Skin face and fingers, back and strip of craven tan leather. Deep pocket, inside 3.00 3.00 and buckle at wrist ..... 2.00 ..... Each 2.00 -Brown Tan leather face, fingers and strip, back Drab Calf Skin. Face reinforcement of Brown Tan leather. Deep pocket, laced thumb and strap and buckle at wrist ..... 1.80 One in a box.









No. FP

No. 100

No. 65

No. M

No. FP.—Drab finish Calf Skin face, back and fingers, strip of Olive Tan leather. Deep pocket, laced thumb and strap and buckle at wrist

No. 100.—Drab Calf Skin face and fingers, back and strip of Brown Tan leather. Deep pocket and laced thumb.

Per dozen

One-twelfth dozen in a box.

No. 65.—Drab Calf Skin face, back and fingers, Ox Blood strip. Deep pocket and laced thumb.

One-fourth dozen in a box.

No. M.—Drab Calf Skin face and fingers, perspiration proof back, Ox Blood strip. Deep pocket and laced thumb.

Boys' size

One-half dozen in a box.

One-half dozen in a box.

Any of above Mitts "Full Right" (for use of left hand thrower) can be furnished from factory direct. "SIERUNG BRAND FOR QUALITY STANDS"

## REACH MITTS

FIRST BASEMEN'S









Brown "Reaco" Calf Skin. Hinge model. Asbestos felt hand-formed pad. Made on the patent mould-ing process, thoroughly broken in and "ready for use." Laced thumb. Strap and buckle at wrist. Each \$ 5.50 No. 4S. -Heavy Ecru Calf Skin throughout. The shutter Mitt. Laced thumb, inside hump and deep pocket. 4.00 No. 2RN .-2.00 One in a box.

#### FIELDERS'







No. 7F.—Pearl color Calf Skin face. Brown Leather back. Deep pocket and padded with best felt. Patent laced thumb. Ready for use, requires no "breaking in". Strap and buckle at wrist ........ Per dozen \$ 16.00 One-twelfth dozen in a box.

## WRIST SUPPORTERS



No. 78



No. 78.—Fine Russia Calf leather. Single strap and buckle ...... Per dozen \$ 4.00 No. 79.--Drab finish Calf Skin. Single strap and

One dozen in a box.

buckle ...... Per dozen

## ANKLE SUPPORTERS







Reach Ankle Supporters made with a patent diverted seam which prevents rubbing on the back of the heel. No. L.—Finest Russia Calf ...... Per pair \$ 1.50 

## TOE AND HEEL PLATES











1				10-0		•
No	No. 2T - 2T. —Reach League.	No. 2H Toe plates.	No. 6T Best quality steel and sharpened	No. 6H points, Will not	Nos. 5TR & 5TL	
	light in weigh - 2H. —Reach League. light in weigh	Heel plates.	Best quality steel and sharpened	points. Will not	Per dozen pairs : bend or break and	\$ 4.00
No No	6H. —Reach Amateur 6H. —Reach Amateur	r. Toe plates. r. Heel plates.	Good quality steel, not sharpene	d	Per dozen pairs	4.00 1.50
No.	. 5TR -Reach Pitchers'	Toe plates Ab	rs for attaching, one-twelfth doz aminum. For right foot aminum. For left foot	en pairs in an env	relope.	1.50 \$ 4.00



## REACH FOOT BALLS











No. E5.—Official Varsity. Tuf-ide leather, pebble grain and guaranteed. Perfect shape. With pump for in-







No. 5C No. 5. -Inter-collegiate. Selected pebble grain cow-hide leather. True in all proportions and perfectly symmetrical. With pump for inflating ..... No. 5C .- Academic Rugby. Fine pebble grain cow-hide leather, lined with best canvas. Perfect shape and regu-4.00 lation size ..... Each No. 5F.—Scholastic Rugby. American pebble grain cow-hide leather. Perfect shape 3.50 All above complete with pure Para rubber bladder, lacing needle and raw-hide leather lace.







No. 5H .- Special Rugby. Selected pebble grain leather, lined with best canvas. Regulation size and perfect shape. Holes eyeleted ...... 2.20 1.70

Complete with pure Para rubber bladder, lace, etc. SHIN GUARDS FOOTBALL BLADDERS

HEAD HARNESS





NOSE MASKS

No. 1 Morrill

Nos. 1 & 4 No. 1 .- Grain strap leather lined with felt. Adjustable. Extra long back ..... No. 4 .- Fine grain leather padded with felt. Adjustable .... Each Morrill. Fine rubber—no wire or metal No. 1.—Morrill. used. Protects nose and teeth. Men's ..... Each .70





Nos. 5R, 5S, 4B & KB. Nos. 5 & 7 No. 5. --Men's size. Black leatherette, cane ribs. Well padded and bound. Long straps. Per dozen pairs ..... \$ 16.00 No. 7. -Boy's size.

Khaki canvas, cane ribs, ...... Per dozen pairs well padded ...... Per dozen pairs No. 5R.—Pure rubber, For balls E5, 5 & 5C. Dozen well padded . 8.00 16.80 No. 58.—Pure rubber. For balls 5F, 5H, 5S & 5M 14.40 6.00 No. KB.—Rubber. For Balls No. K..... 2.00 STERUNG BRAND FOR QUALITY STANDS"



## REACH BASKET BALLS







Fine Extra Tanned Cowhide leather in six sections. Guaranteed perfect shape. Com-No. 11/2.—Regulation. No. 2. - Special. Selected pebble grain sheep-skin leather in eight sections. Complete with pure Para rubber bladder and lace ..... Each No. 3. - Practice. Fine brown grain sheep-skin leather. Capped ends. Complete with pure Para rubber bladder and lace ..... Each One in a box.



## REACH BOXING GLOVES









No. 4A

2.0			
No.	90.	—Men's size. Corbett pattern. Finest quality Wine Colored Kid, filled with best quality curled hair.  Patent perspiration proof lining and patent adjustable palm grip. Patent laced wrist. Padded cuff.  Weight 8 oz	7.00
No.	6-	—Men's size. Corbett pattern. Finest Olive Tan leather, Craven Tan Palms, filled with fine quality curled hair. Patent perspiration proof lining, adjustable palm grip, laced wrist and padded cuff. Weight 8 oz. Per set (4 Gloves)	
No.	4.4	Men's size. Corbett pattern. Finest Olive Tan leather, filled with fine quality curled hair. Patent	

perspiration proof lining, adjustable palm grip and laced wrist. Weight 8 oz. .... Per set (4 Gloves) 6.00







No. 3







No. 45.—Men's size. Corbett pattern. Fine Craven Tan Kid, Olive Tan Palms, filled with good quality curled hair. Patent laced wrist, palm grip and padded cuff. Weight 8 oz Per set (4 Gloves) \$	5.50
No. 3.—Men's size. California pattern. Fine Brown Tan Leather, Wine Tan Palms, filled with good quality curled hair. Patent laced wrist and padded cuff. Weight 8 oz Per set (4 Gloves)	4.00
No. D. —Men's size. California pattern. Wine Tan leather, Brown Tan Palms, well stuffed with hair. Full laced wrist and palm grip. Weight 8 oz	3.50
No. 2 Men's size. Brown Tan leather, well stuffed with hair. Palm grip. Laced wrist Per set (4 Gloves)	2.70
	2.00
One set in a box.	

The patent perspiration proof lining alluded to in above descriptions has superseded the old style of leather lin-Always remains soft and pliable.

The patent adjustable palm grip instead of being sewed to the palm of the glove as formerly is only fastened at each end allowing it to move freely. Will conform to any size hand whether long or short.

The patent laced wrist makes the glove fit any sized hand, gives better ventilation and strengthens the hand and wrist.



## REACH STRIKING BAGS

SWINGING STRIKING BAGS, PEAR SHAPE







	Nos.	18 & 15		Nos.	12 & 41/6		Nos. 31/6 & 0		
No.	18Regulation	size. Fine E	ru Calf. v	welted seams.	Extra strong			Each	\$ 8.00
No.	15Regulation	size. Fine Cr	aven Tan	Leather, welt	ed, stayed sean	ns. New model,	very fast and lively	. 64	7.00
No.	12 Regulation	size. Finest (	live Tan	Leather, welt	ed and stayed	seams		11	5.50
No.	41/2Fine Wine	Tan leather.	Welted ar	nd stayed sea	ms				4.00
No.	31/2 Youths' siz	e. Olive leath	er. Perfec	t shape				44	2.80
No.	0Brown Tar	n leather. Per	ect shape		*******			4.4	2.20
	On	e in a box. Co	mplete wi	th pure Para	rubber bladder	r, suspending c	ord and lace.		

## DOUBLE END STRIKING BAGS









All double end bags fitted with patent loop, rubber bladder, rubber cord for floor, suspending cord for ceiling and screw eyes.

STRIKING BAG PLATFORMS

#### BLADDERS

#### STRIKING BAG SWIVELS







No. 335

Nos. 5 & B



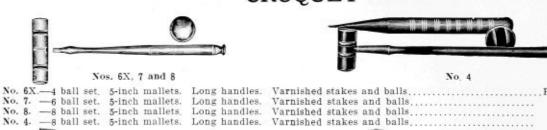
No. 1.—Pressed steel, finely enameled.
Entirely new frame construction.
Strong, light, compact, finely finished and noiseless. Can be readily attached to any wall and will not rattle or get out of order. Platform complete except bag ....... Each \$ 9.00

"STERUNG BRAND FOR QUALITY STANDS"



2.30

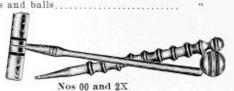
## CROQUET





Ī-	
	No 4
stakes and balls	Per set \$





Nos. 5 and 5X				Nos 00 and 2X			
				Varnished stakes and balls		\$ 2.80 4.50	
				Fancy striped balls and stakes		4.00	
No. 2X. — 8 ball set.	8-inch mallets,	Short	handles.	Fancy striped balls and stakes	**	5.50	
				E ·			





sets in a crate,

#### HOCKEY STICKS

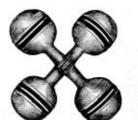


Hockey Sticks. Selected kiln-dried timber. Correct shape. Steam bent so that the grain of wood is continuous from end of handle to tip of blade. Natural finish. No. 5.—Length 42 inches ..... Per dozen \$ 4-00 No. 1.—Length 46 inches 5.50 No. 2--Length 50 inches ..... 8.50

One dozen in a bundle.

## QUOITS, DUMB BELLS & INDIAN CLUBS







Pitching Quoits.—Cast iron, are Japanned black and maroon.	The pa	irs of e	ach set
No. 1 Set.—Diam. 5 in. Weight per No. 2 Set.—Diam. 6 in. Weight per	pair 3	ths. Per	Tb. \$ -12
No. 3 Set.—Diam. 7 in. Weight per No. 4 Set.—Diam. 9 in. Weight per	pair 6 l	bs. "	-12 -12
Each set wrapped in Iron Dumb Bells.—Made on ar	n paper		0.55

balanced and finished in black enamel. Weight, each Dumb Bell: .....

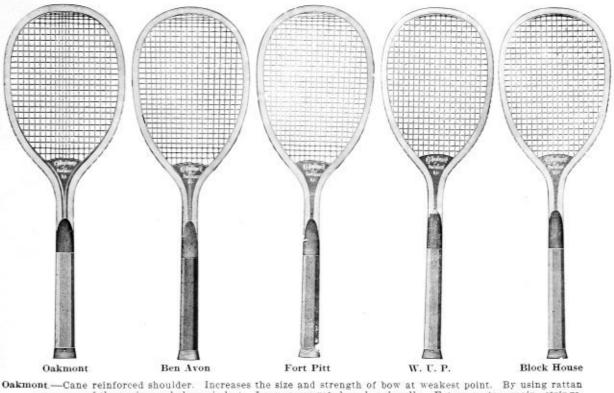
1 pound ...... 2. 3. 5. 7. 8. 10. 12. 15. 18. 20. 25. 30. 40. 50 and 75 pounds....

Maple Dumb Bells .- Made of good quality of maple, finished in hard oil. Weight, pounds..... Per pair..... 8 .70 .80 -90 1.00 1.20 Indian Clubs .- Made of good quality of maple, finished in hard oil. Weight, pounds..... 2 | Per pound \$ .12 | Per pair | \$ .70 | .80 | .80 | .40 | | Weight, pounds | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2½ | .2 1.00 1.20 3 5 2.00



#### LAWN TENNIS GOODS

#### RACKETS



Oakmont.—Cane reinforced shoulder. Increases the size and strength of bow at weakest point. By using rattan cane none of the spring or balance is lost. Large corrugated cedar handle. Extra center main strings. .. Each \$ 9.00 Weight 13 to 15 ounces... Ben Avon.—Cane handle. Absorbe the perspiration from the hand. Extra center main strings and strung with .. Each very best gut. Weight 13 to 15 ounces..... 8.50 Fort Pitt.—Similar in shape to Oakmont. Black walnut throat, corrugated cedar handle. Strung with very best Oriental gut. Weight 13 to 15 ounces

Each
Shadyside.—Similar in shape to Fort Pitt. Black walnut throat, checked cedar handle. Strung with good Oriental gut. 5.00 4.00 2.50

#### TENNIS BALLS



Wright and Ditson's Lawn Tennis Balls.

Championship	Per dozen	\$ 6.00
Club.		5.00
Deuce.	— "	4.00
		3.50
	One dozen in a box.	



#### NETS AND MARKERS



1.50

	NO. 1	
HERCULES T	ENNIS NETS.	
No. 10027 ft., 12 thread.	Single Court Ea	ach \$ 1.25
No. 10636 ft., 15 thread.		
No. 10942 ft., 15 thread.	Double Court	4 2.00
No. 106B 36 ft., 15 thread.	Double Co't, B'nd	" 2.50
No. 109B 42 ft., 15 thread.		
	OP NETS.	
No. 11950x7 feet, 9 thre	adEa	ach \$ 3.00
No. 12150x8 feet, 12 thre		
No. 121X 50x8 feet, 12 thre		
HAND MADE NETS, BO		
No. 15736 feet, 21 thread		
No. 16042 feet, 21 thread		" 5.00
No. 157X 36 feet, 21 thread		
No. 160X 42 feet. 21 thread		6.50
TENNIS N	IARKERS.	8:930
No. 1 Requires no mixing	of material with wa	ter

to get ready for use. Put in any powdered

material such as marble dust, air-slack ..... Each \$ 2.50 of lighter material ...... Each

"STERUNG BRAND FOR QUALITY STANDS"



## FISHING TACKLE ASSORTMENTS



Size of Box, 11x14 inches.

	CONTENTS			
100	Kirby ringed hooks, No. 1R	etail	2 for 1 cent \$	.50
100	Limerick ringed hooks, No. 2	41	2 for 1 cent	.50
	Kirby ringed hooks, No. 3	44	2 for 1 cent	-50
	Limerick ringed hooks, No. 1	44	2 for 1 cent	.50
	Kirby ringed hooks, No. 2	46	2 for 1 cent	.50
	Furnished fish lines with floats	44	5 cents each	.60
	Ringed sinkers, assorted	44	1 cent each	-24
	Furnished fish lines	46	1 cent each	-24
	Eureka Hank lines	**	1 cent each	-24
	Eureka Hank lines	44	3 cents each	.36
	Adjustable floats, assorted	14	5 cents each	.60
2.00	HT TH GROUND TO HE GOT THE WORLD HERE HE HE HE			

Total retail value \$ 4.78

ORION Fishing Tackle Assortment, Per case, Net 1.75





Size of Box, 101/2x161/2 inches.

#### CONTENTS

600	Fish hooks	Retail	2 for 1 cent \$	3.00
	Eureka lines		1 cent each	.12
	Eureka lines		2 cents each	.24
	Braided lines		5 cents each	-60
	Best trout lines		5 cents each	-60
	Ringed sinkers		1 cent each	.24
	Boxes split shot		5 cents each	-20
	Furnished fish lines		1 cent each	.18
	Furnished fish lines		3 cents each	.36
	Furnished fish lines		5 cents each	-40
	Snelled hooks		2 cents each	.72
	Adjustable floats		5 cents each	.60

Total retail value \$ 7.26

CRESCENT Fishing Tackle Ass'rt ... Per case, Net 3.00

#### STERLING ASSORTMENT

Size of Box, 16x18 inches.

#### CONTENTS

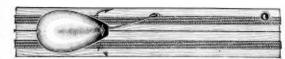
100	Kirby hooks, No. 1Re	etail	2 for 1 cent \$	-50
100	Kirby hooks, No. 2	44	2 for 1 cent	-50
100	Kirby hooks, No. 3	46	2 for 1 cent	.50
100	Kirby hooks, No. 5	46	2 for 1 cent	-50
100	Kirby hooks, No. 1-0	46	2 for 1 cent	-50
100	Kirby hooks, No. 2-0	44	2 for 1 cent	-50
100	Kirby hooks, No. 3-0	66	1 cent each	1.00
	Carlisle hooks, No. 3-0	46	2 cents each	2.00
	Carlisle hooks, No. 1-0	46	1 cent each	1.00
	Ringed sinkers, assorted	46	1 cent each	-36
8	Furnished lines with egg float	64	5 cents each	-40
8	" lines with barrel float	64	10 cents each	-80
8	" lines with heavy sinker	44	10 cents each	-80
- 8	" lines with heavy sinker	64	5 cents each	-40
10	" lines with heavy sinker	64	3 cents each	-30
36	" lines with light sinker	44	1 cent each	-36
12	Braided lines, 25 feet	46	5 cents each	-60
24	Eureka lines, 15 feet	44	2 cents each	.48
	Eureka lines, 15 feet	46	1 cent each	-72
	Snelled hooks	44	2 cents each	.72
			The second second	

Total, retail value \$ 13.34

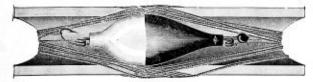
STERLING Fishing Tackle Assortm't. Per case, Net 5.00



## FURNISHED FISH LINES

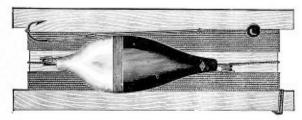


One-fourth gross in a box.

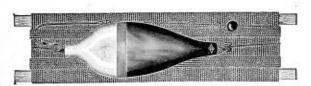


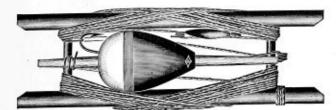
No. 301.—Size of winder, 5x1¼ in. Drab Cable Laid line, 12 feet long on Japanese Bamboo winder. Complete with 1¾ inch Egg Adjustable Float, two colors, Ringed Hook and Sinker. Per gross \$ 6.00

One-fourth gross in a box.

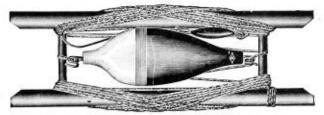


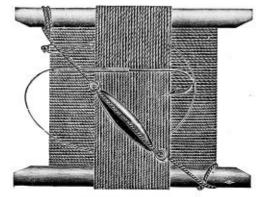
Two dozen in a box.



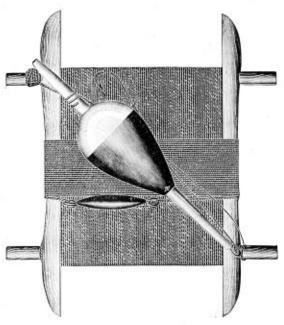


One dozen in a box.





One dozen in a box.



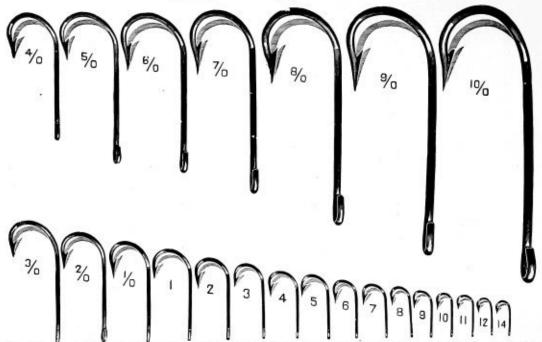
No. 630.—Size of Reel 33/x33/a in. Heavy polished Eureka line, Olive green, 30 feet long on enameled wood frame reel. Complete with 1½-inch Egg Adjustable Stick Top Float, three colors, Snelled Hook and Adjustable Sinker. Per dozen \$ 1.30 One dozen in a box.

"STERUNG BRAND FOR QUALITY STANDS"



#### FISH HOOKS

KIRBY RINGED, JAPANNED



With Kirby filed Kirby Ringed. Made from the finest quality of crucible steel points. Properly bent and perfect in shape. 4-0 10-0 5-0 1-0 1 to 14 Numbers

.40

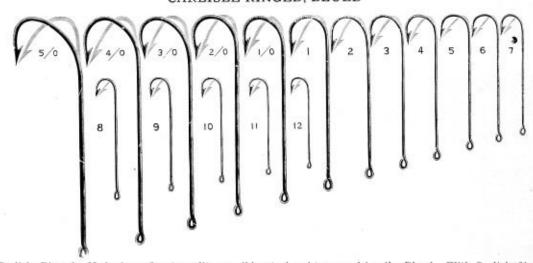
.36

.20

-16

-60 .50 .44 -80 Per hundred ...... 100 in a box; 10 boxes in a carton.

#### CARLISLE RINGED, BLUED



Carlisle Ringed. Made from finest quality crucible steel and tempered in oil. Blued. With Carlisle filed points. Carefully made, properly bent and perfect in shape. Numbers 4-0 1 to 6 1-0

Per hundred \$ .70 100 in a box; 10 boxes in a carton. .30 .44 .36

## FISH HOOK DISGORGER

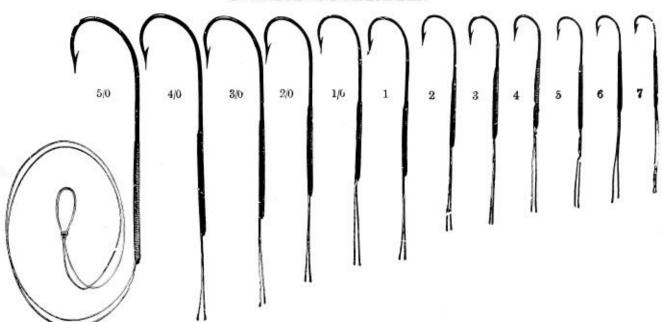


No. 2080.—Fish Hook Disgorger. Size No. 2. Length about 7 inches. Malleable iron, bright XC plated. Very strong and neatly finished. Each extractor wrapped in paper. Illustration shows 1/2 the actual size. Per dozen \$ 1.50 Three dozen in a box.



#### SNELLED FISH HOOKS

CARLISLE AND ABERDEEN

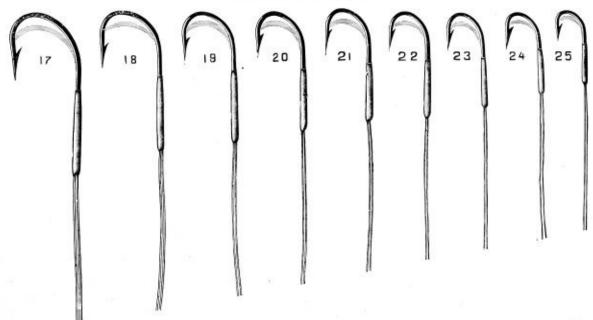


Aberdeen Snelled hooks. Standard quality. Silkworm Single Gut, 6 inches in the clear tied to Spear point hooks. With yellow waxed linen thread binding. One-half dozen in a bunch, 2 bunches in heavy paper envelope with gummed flap. Flat hook suitable for trout.

Aberdeen Snelled. Nos. 4 5 6 7
Per dozen 8 30 30 30 30 30

Twelve dozen in a box.

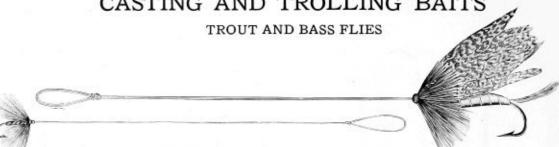
#### CINCINNATI BASS



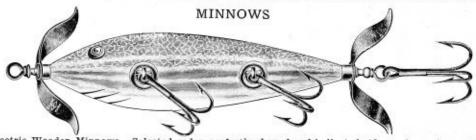
Cincinnati Bass Snelled Hooks. Superior quality. Double Gut, 7 inches in the clear tied to spring steel Spear point hooks. Green silk binding, water-proofed. Packed one-half dozen in envelope or tongued wrapper. 17 \$ .60 19 20 18 21 22 .50 .60 .60 .50 .50 .50 .50 .50 Twelve dozen in a box.

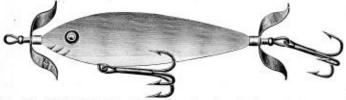
STERUNG BRAND FOR QUALITY STANDS"

CASTING AND TROLLING BAITS



No. 547 No. 576 No. 547.—Trout Flies. Dressed on No. 6 size File point bronzed Sproat hooks, Silk body. Mist color gut 5 inches in the clear. Assorted patterns. One dozen in gummed envelope. Twelve dozen in a box. Per dozen § No. 576.—Bass Flies. Dressed on File point bronzed Sproat hooks, Silk body, double gut. Mist color gut, 5 inches in the clear. Assorted patterns. One-half dozen in fancy envelope. Six dozen in a box.......Per dozen

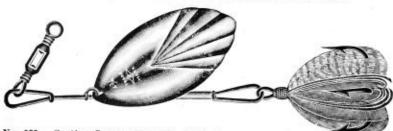




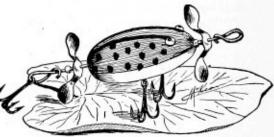
No. 864.—Electric Surface Minnows. Length 4 inches. Back, blended red; Belly, white enamel. 2 treble hooks. Each in box; one-half dozen in a carton. Per dozen \$ 15.00



No. 601.—Buck Tail Gangs. Size 2-0. Treble Hook and Sproat Hook. Bucktail hair, impervious to water and very alluring to Bass and other game fish. Each on fancy card; one dozen in a box ..........Per dozen \$ 4.00

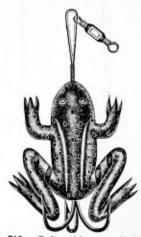


No. 933.—Casting Spoon. Size 43/4. Nickel convex, red and nickel concave. One dozen in a box ..... Per dozen \$ 1.60



No. 818.—Kent Floater. 2½,x1½ inches, and weighing ¾ of an ounce. Red cedar, enamel finish. For all game fish. Each in fancy box; one-half dozen in a carton.....Per dozen \$ 9.00

#### FROGS



No. 716 .- Soft rubber small Frog. Illustration actual size. 3 on perforated card; 1 dozen in box.

Per dozen ..... \$ 4.00



## MINNOW BUCKETS



No. 18.—Capacity 8 quarts. Japanned green and decorated. With perforated tin inset. Per dozen \$ 12.00

## **LEADERS**

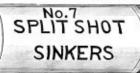


## TROUT BASKETS



		Baskets.		
Nos	0	1	2	3
Capacity, pounds.	6	9	12	20
Each	\$ 2.00	2-50	3.00	3.50

## SINKERS





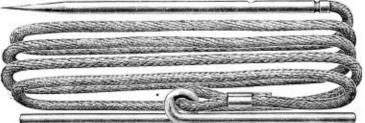


## TACKLE BOXES



No. 2.—Japanned green. Size 103/4x53/4 x41/8 in. With removable tray, Per doz. \$ 14.40

## STRINGERS

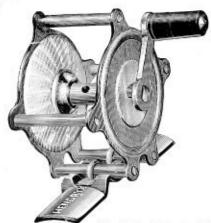


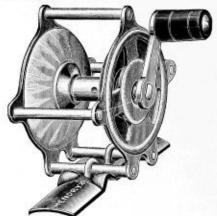
## MINNOW SEINES



Dandy Minnow Seines. Light woven netting, mesh about 1/8-in	ich. De	pth about	4 feet.	Seines con	mplete an	d suit-
able for creek and minnow fishing.	6	8	10	12	15	20
Length, feet	6 8 1 20	1.70	2.00	12	15	20

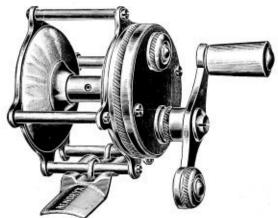
#### FISHING REELS





Single action, raised pillar. Nickel-plated. With click. No. 204PN.—40 yards. 2 inch Disc .... Per dozen \$ 3.60 No. 206PN.—60 yards. 2½ inch Disc .... " 4.00 One dozen in a box.



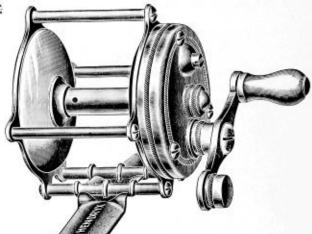


Raised pillar, balanced handle, adjustable drag and sliding click. Nickel-plated.

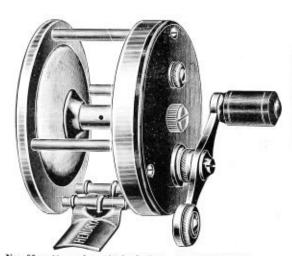
 No. 2904PN.—40 yards.
 2- inch Disc... Per dozen \$ 8.00

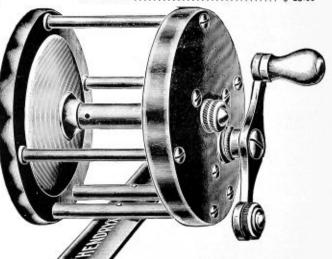
 No. 2906PN.—60 yards.
 2½-inch Disc... " 9.00

 No. 2907PN.—80 yards.
 2½-inch Disc... " 10.00



No. 986.—60 yards. 2½-inch disc. Raised pillar, balanced handle, steel pivots, slide drag and back sliding click. Nickel-plated Per dozen ..... \$ 18-00



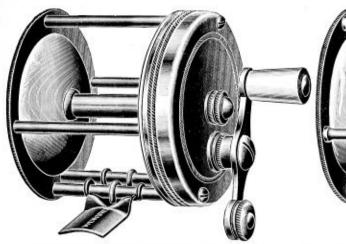


Ill double multiplying reels, one-twelfth dozen in a box. Sterung BRAND FOR QUAUTY STANDS"

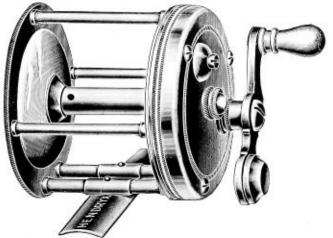


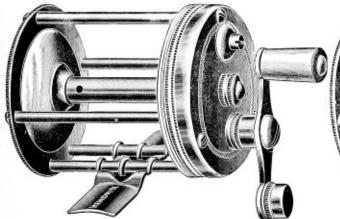
## FISHING REELS

QUADRUPLE BAIT CASTING

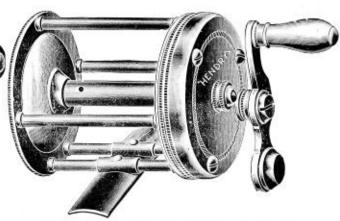


Balanced crank, white handle, adjustable drag and sliding click. Quadruple. Steel pinion. Nickel-plated. No. 14.—60 yards. 2- inch Disc ...... Per dozen \$ 16.00 No. 16.—80 yards. 21/4-inch Disc ...... 18.00

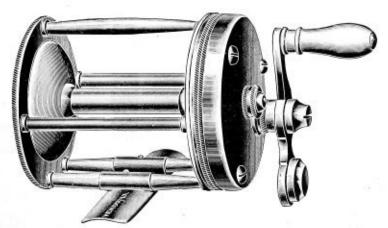




No. 40N.—80 yards. 2-inch disc. Quadruple. Extra wide spool. With steel pivots. Adjustable drag, sliding click, white handle and balanced crank. Nickel-plated...Per gozen \$ 30.00



Quadruple. Jewel bearing. Wide spool. Tusk Ivory handle. Adjustable drag and sliding click. 2-inch disc. No. 2240J.—60 yards. Screwed ...... Each\$ 4.00 No. K44J.—80 yards. Riveted. Extra quality " 6.00



All Quadruple reels, one-twelfth dozen in a box.

"STERUNG BRAND FOR QUALITY STANDS"



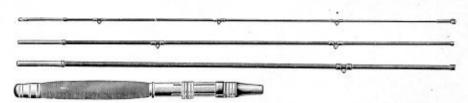
#### BRISTOL STEEL FISHING RODS



Nickel handle mountings, with solid reel seat above the hand. Trimmed with two-ring German Silver tie guides and German Silver three-ring tip.

Nos. 11A and 11C, suitable for Bass or Pickerel. Nos. 13A, and 13C, excellent for bait casting or for boat use.





Nickel handle mountings with solid reel seat above the hand. Trimmed with two-ring German Silver tie guides and German Silver three-ring tip. "Expert" bait casting rod 6½ feet in length. Joints 24 inches long. Fine rod for long casts and heavy work.

 No. 15A.—Celluloid handle.
 Weight 9 ounces.
 Each \$ 5.00

 No. 15C.—Cork Grip handle.
 Weight 8½ ounces.
 " 5.50



No. 17C.—"Favorite" bait casting rod. Cork Grip Handle. Length 7 feet; Joints 26 inches long. Weight 8% ounces.

Handle mountings nickel with solid reel seat above the hand. German Silver trumpet guides and Solid

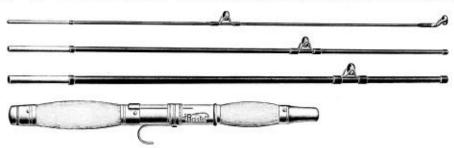
German silver double hole tip. Strong and free running. For bait casting and general heavy work. Each \$ 6.50

Beautifully enameled in black. One in a partitioned cloth bag.



## BRISTOL STEEL FISHING RODS







Adjustable Telescopic rod. Adjusts to any length and joints locked in place by very ingenuous arrangement of guides. Handle mountings nickel. Trimmed with two-ring German Silver tie guides and German Silver three-ring top. Length 81/2 feet. Joints 25 inches long. When telescoped 28 inches long.

No. 35A.—Celluloid reversible handle Each \$ 5.00
No. 35C.—Cork Grip Reversible handle 5.50



Adjustable Telescopic rods. Adjusts to any length and joints locked in place by very ingenuous arrangement of guides. Short Cork Grip handles with patent detachable finger hook, large polished German silver improved casting guides and solid agate top with extra large opening. Length 5 feet, joints 141/2 inches long. When telescoped, 20 inches long. Bait casting.

No. 36C.—Cork Grip handle. Bait casting...... Each \$ 6.85

#### TRUNK ROD

#### TROLLING TIP



 Trolling tip. 9 inches long. Can be carried inside the celluloid wound bait or Bass rods but not in the Cork Grip handles. Suitable for shortening and stiffening a rod for trolling, bait casting and general boat work, and will fit any of the jointed rods.

No. 125.—Fitted with 1 German silver 2-ring guide and large size German silver 3-ring tip...Each \$ 1.25 No. 150.—Fitted with 1 German silver Trumpet guide and large size German silver double hole

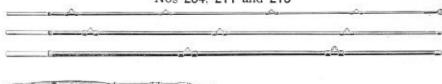
Each .....

Beautifully enameled in black. One in a partitioned cloth bag.



#### RAINBOW STEEL FISHING RODS

Nos 204, 211 and 213



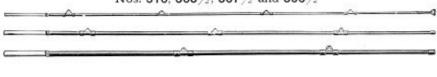
Rainbow Rods. Nickel-plated Mountings with solid reel seat, and finished in dark green enamel. Fitted with German silver two-ring guides and German Silver three-ring tip, reel above the hand. Fitted with cork grip handles. 

0	 
	0

Rainbow Rods. Fitted with cork grip handles, having Nickel-plated Mountings with solid reel seat and finished in dark green enamel. Fitted with German silver two-ring guides and German silver three-ring tip, reel above the hand. No. 215.—Bait casting rod. 61/2 feet in length. Joints are 24 inches long. Weight about 8 ounces....... Each \$ 3.00

#### LUCKIE STEEL FISHING RODS

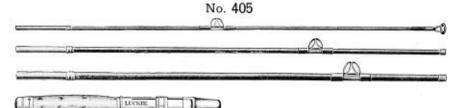
Nos. 310, 3081/2, 3071/2 and 3061/2



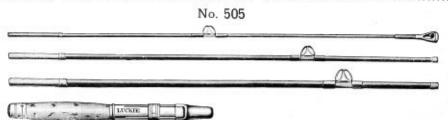
LUCKIE

Nickel handle mountings, with solid reel seat above the hand. Cork grip handles. Trimmed with solderless tworing German silver guides and three-ring German silver top. Finished in dark brown enamel.

No. 310. —Bait or bass rod. Length 10 feet. Joints 38 inches long. Weight 9¼ ounces ... Each \$ 2.25
No. 309½.—Bait or bass rod. Length 8½ feet. Joints 32 inches long. Weight 8¾ ounces ... ... 2.25
No. 307½.—Bait or bass rod. Length 7½ feet. Joints 28 inches long. Weight 8¾ ounces ... ... 2.25
No. 306½.—Bait or bass rod. Length 6½ feet. Joints 24 inches long. Weight 7¾ ounces ... ... 2.25



Nickel handle mountings, with solid reel seat above the hand. Cork grip handles. Trimmed with three polished German silver casting guides and polished German silver stirrup top. Finished in dark brown enamel, No. 405.—Bait casting rod. Length 5 feet. Joints 18 inches long. Weight 7 ounces ...... Each \$ 2.50



Nickel handle mountings, with solid reel seat above the hand. Cork grip handles. Trimmed with three polished 

One in a cloth bag.

120

20

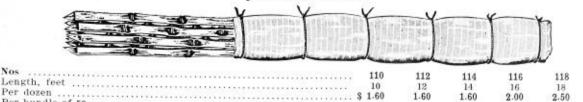
3.00

9.00



#### FISHING RODS

#### JAPANESE CANE



6.00

6.00

6.00

6.50

7.50

#### JOINTED JAPANESE BAMBOO

Per bundle of 50 .....



# One-twelfth dozen in a paper package. JOINTED CALCUTTA BAMBOO



One-twelfth dozen in a partitioned cloth bag.



One-twelfth dozen in a partitioned cloth bag.

#### YEDDO BAMBOO

No. 132.—3 Joints. Yeddo bamboo, nickel mountings, reversed solid reel seat, funnel tip, shouldered ferrules, silk wound spiral guides, wound between guides with red silk, black enameled grasp, 9 feet long. Per dozen \$ 24.00

One-twelfth dozen in a partitioned cloth bag.

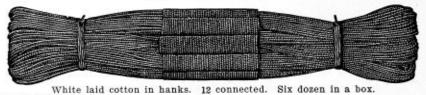
#### SPLIT BAMBOO

One in a partitioned cloth bag.

STERUNG BRAND FOR QUALITY STANDS"

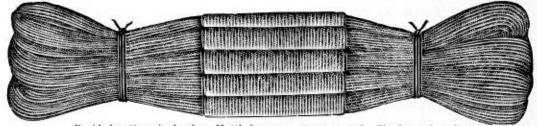


# FISHING LINES



# LINEN HANKS

#### BRAIDED COTTON HANKS



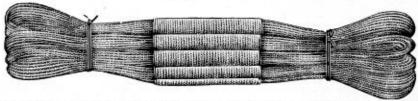
Braided cotton, in hanks. Mottled green. 12 connected. Six dozen in a box.

No. 625.—Size No. 6 (small). 25 feet long. Per dozen \$ .60

No. 525.—Size No. 5 (medium). 25 feet long. ".60

No. 425.—Size No. 4 (large). 25 feet long. ".60

#### SEA GRASS



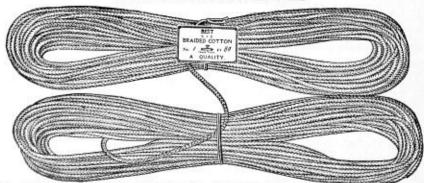
 Sea Grass. A light weight but very strong and elastic line, in hanks.
 12 connected. Six dozen in a box.

 No. 115.—Size No. 1 (small).
 15 feet long.
 Per dozen 8 .80

 No. 215.—Size No. 2 (medium).
 15 feet long.
 " 1.00

 No. 315.—Size No. 3 (large).
 15 feet long.
 " 1.20

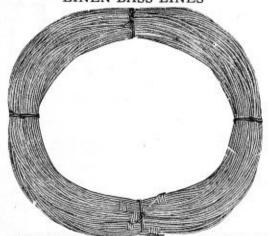
#### BRAIDED COTTON HANKS



## STERLIN B

## FISHING LINES

#### LINEN BASS LINES



One dozen in a box.

#### CUTTYHUNK LINES



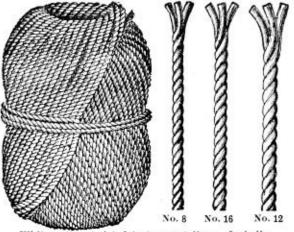
#### TROUT LINES





White cotton twisted staging. Medium laid. In balls. No. 100.—Length about 100 feet,........Per dozen \$ .90 One dozen in a box.

#### TROT, OR OUT LINES



White cotton twisted trot or out lines. In balls.

No. 8.—1/2 pound. Balls containing about 175 feet.
Per dozen \$4.50

No. 16.—1 pound. Balls containing about 225 feet.
Per dozen \$9.00

One dozen in a package.

White cotton twisted trot or out lines. On tubes.

No. 12.—Tubes weighing about 12 pounds. Average
weight about 165 feet to 1 pound. Per lb. \$ .6
One tube in a package.

#### BASS LINES



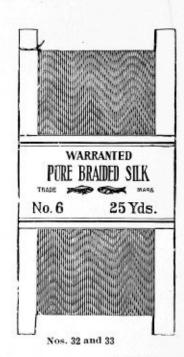
"STERUNG BRAND FOR QUALITY STANDS"



## FISHING LINES







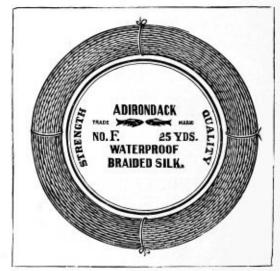
No. 32.—Pure braided silk, size 5. Made from standard grade of finished silk. Colors, green and white mottled. For trout. Put up on 25-yard blocks, 4 connected. Labeled in white with gilt print. Per doz. blocks (300 yds.) 5.00

No. 33.—Pure braided silk, size 4. Made from standard grade of finished silk. Colors green and white mottled. For bass. Put up on 25-yard blocks, 4 connected. Labeled in white with gilt print, Per dozen blocks (300 yards) 6.00

All above, 12-3 dozen (500 yards) in a box.







No. 36

8.00

No. 34.—Best braided oil silk, size 5. Made from highest quality No. 1 China stock, and water-proof finish, gives it a hard and glossy finish. Semi transparent. Put up in 25 yard Coils, on Cards, 4 Connected. For trout. Per dozen cards

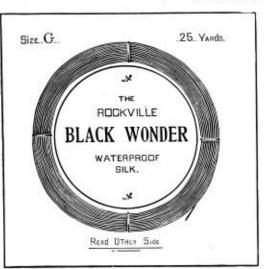
No. 35.—Best braided oil silk, size 4. Same line for bass. Put up in 25 yard Coils, on Cards, 4 Connected.

Per dozen cards

Put up in 25-yard coils, on cards, 4 connected. One dozen in a box.



## FISHING LINES



Rockville Black Wonder. Japan Silk, carefully braided and thoroughly water-proofed. Ideal for Minnow casting.



Rockville Greensburg Enamel. Coated with rubber, absolutely water-proof. Mottled green silk.

No. H.—For Trout. 25 yards on a card. Per 100 yds. \$ 3.00 No. G.—For Bass. 25 yards on a card. " 4.00 100 yards (4 cards connected) in a box.



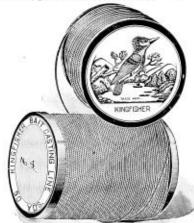
Kingfisher Braided Silk, mottled P. & S. Finest pure Japan Silk only. Suited for lake and stream fishing and balt casting. Black and white color. 4 section winders, 25 yards to a section, 100 yards in a box.

Nos		B2	B3	B4
Test, pounds	12	16	23	28
Per 100 yards	2.40	3.00	4.00	4.80



Kingfisher Green King Casting. Pure silk closely braided. Very smooth. Bronze and green color. Ideal for bait casting. 50 yards on a spool, 2 connected, 100 yards in a box.

No. A.—Test 12 pounds ... Per 100 yards \$ 3.00 No. B.—Test 16 pounds ... ... ... ... ... ... ... ... 3.50



Kingfisher Bait Casting. Fure Japan finish silk—no water-proofing. The King of all bait casting lines. White with narrow black check, 50 yards on a spool, 2 connected, 100 yards in a box.

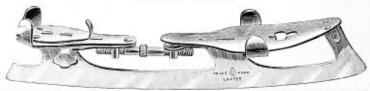
Test, pounds 5 4 3
Per 100 yards 5 4 3
Per 100 yards 5 4 3
Per 100 yards 5 4 00 4.80



Kingfisher Baltimore Enameled. Coated with specially prepared water-proof elastic enamel. Suitable for fly casting and all around fishing except balt casting. Mottled ivory and black. 25 yards on a card, 4 connected, 100 yards in a box.

Nos	G	F	E
Test, pounds	16	21	25
Per 100 yards	\$ 4.50	5.00	6.00

# UNION HARDWARE CO.'S SKATES



No.	. 16. —Patented runners, made of cold rolled cast steel, which does not lose its edge readily. Great strength	
	and high polish. Toe and heel plates best quality cold rolled homogenous steel. 1 pair in a package. Per pair	.75
No.	. 116. —Patented runners, made of cold rolled cast steel which does not lose its edge readily. Blued toe and	
	heel plates. One pair in a box	-85
No.	. 161/2.—Same as No. 16 except all parts and runners are nickel-plated and polished	1.10
No.	. 171/2.—Patented runners, hardened. Edges and clamps extra polished. Runner and all parts full nickel-plat-	
	ed and polished Per pair	1.60

#### HALF HOCKEY



#### UNION HOCKEY

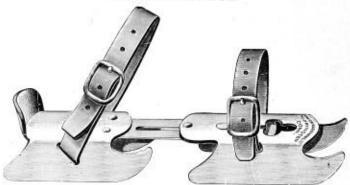




No. 3.—Hockey. Welded steel runners, full nickel-plated...... Per pair \$ 2.50



#### EXTENSION BOB





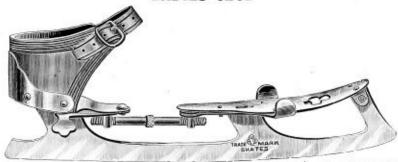
#### UNION HARDWARE CO.'S SKATES

LADIES' TOE STRAP



No. 52. —Patented runner of cold rolled cast steel, finely ground cutting edge. The heel and toe straps are of oak tanned russet grain leather, tongue buckles and nickel-plated heel bands. 1 pair in a package. Per pair \$ 1.00

#### LADIES' CLUB



No. 56. —Cold rolled cast steel, patented runner, highly polished and will not lose its edge readily. The mechanism of the skate is perfect. The heel strap is oak tanned russet grain leather with nickel heel band.

One pair in a package.

Per pair \$ 1.35

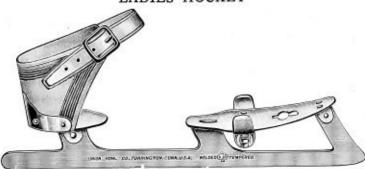
No. 56½.—Same as 56, except all parts and runners are nickel-plated and polished

No. 57½.—Same general construction as No. 56½ except steel used in this skate contains a higher percentage of carbon and the runner is carefully hardened and highly polished. Full nickel-plated with polished edges

Per pair

2.40

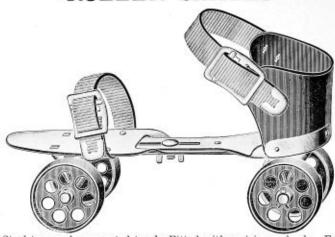
#### LADIES' HOCKEY

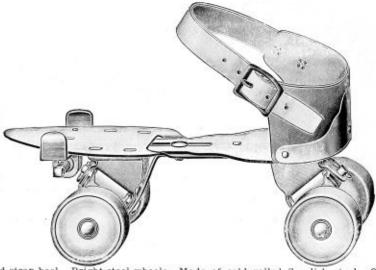


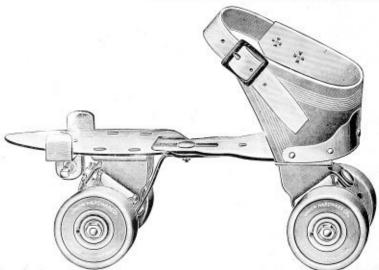
#### TABLE SHOWING SIZES OF SKATES WITH COMPARATIVE TABLE OF SIZES OF BOOTS AND SHOES.

Sizes of Skates	COMPARATIVE SIZE OF BOOTS AND SHOES									
in inches.	Misses	Ladies	Youths	Boys	Gents					
8 8 4 9 9 9 9 9 10 10 10 10 11 11 11 11 12	11, 11½, 12, 12½, 13, 13½, 1, 1½, 2,	2½, 3, 3½, 3½, 4, 4½, 4½, 5, 5½, 6, 6½, 7,	11. 11½, 12. 12½, 13. 13½, 1. 1½, 2.	1, 1½, 2, 2½, 3, 3½, 4, 4½, 5, 5½,	6, 6½, 7, 7½, 8, 8½, 9, 9½, 10, 10½, 11					

## ROLLER SKATES









#### SKATE WHEELS







No. 2W Cast iron.	Plain finish.	Smooth		er 100	\$ 2.00
			For No. 12 skates	46	6.00
No. 6W Bright steel.	Smooth finish.	Ball bearings.	For No. 6 skates	11	20.00
No. 12A. —Axles suitable	for No. 12 sk	ates	Per	dozen	-80

## SKATE KEYS



#### SKATE STRAPS



Skate Straps. 20 inches long. With buckle.

No. 1.—Black leather. 5% in. wide. Per dozen pairs \$ 1.60

No. 2.—Russet leather. 5% in. wide " " 1.60

One dozen pairs in a bundle.

## SKATE SHARPENERS



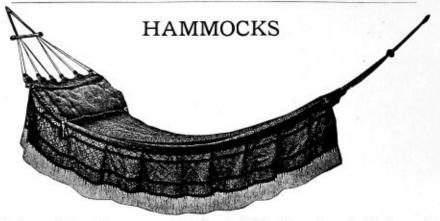


## CHRISTMAS TREE HOLDERS



Nos. 2 and 3
No. 2 — Crown. Diameter 2 inches. Cast iron. Japanned. Adjusting ring nut. Per dozen \$ 10.00
No. 3 — Crown. Diameter 3 inches. Cast iron. Japanned. Adjusting ring nut. 14.00
No. B. — Berlin. Diameter 2½/4 inches. Cast iron. Japanned. Long set screws . 9.50
No. C. — Berlin. Diameter 3 inches. Cast iron. Japanned. Long set screws . 10.00
No. 50. — Evergreen. 4 inches in diameter and 5 inches high. Japanned and neatly ornamented. Made solid, so that water may be placed in it which will keep the tree fresh and green for quite a time. Takes trees from 4 inches down to 1 inch. Centering device in bottom holds the tree secure and perpendicular . Per dozen \$ 10.00
One dozen in a case.





	80.—Size of bed 36x76 inches. Gauze weave, full colored. With pillow. Concealed head spreader. Assorted colors	12.00
No.	100.—Size of bed 36x78 inches. Close weave, full colored. With pillow. Concealed head spreader and varnished wood bar at foot. Regulation valance. Assorted colors	15.00
No.	. 120.—Size of bed 36x80 inches. Close weave, full colored. With pillow. Concealed head spreader and varnished wood bar at foot. Deep valance. Assorted colors	18.00
No.	. 135.—Size of bed 36x80 inches. Close weave, full colored. With pillow. Concealed head spreader and varnished wood bar at foot. Deep woven valance. Assorted colors	20.25
No.	. 150.—Size of bed 36x80 inches. Damask canvas weave, full colored. With tufted pillow. Concealed head spreader and wood bar with nickeled caps at foot. Deep woven valance. Assorted colors Per dozen	22.50
	165.—Size of bed 36x84 inches. Fancy Jacquard weave, full colored. With upholstered pillow. Concealed head spreader and detachable wood bar at foot. Heavy and deep valance. Assorted colors and attractive designs	24.75
No.	180.—Size of bed 36x84 inches. Double faced fabric, close weave, full colored. With upholstered pillow. Concealed head spreader and fancy detachable wood bar at foot. Heavy and deep valance, full fluted. Attractive patterns in assorted colors	27.00
No.	200.—Size of bed 36x84 inches. Jacquard and canvas weave, full colored. With upholstered pillow. Concealed head spreader and wood bar with brass caps at foot. Deep woven valance. Beautiful design with figure in contrasting colors	30.00
No.	225.—Size of bed 36x84 inches. Jacquard and canvas weave, full colored. With large tufted throw-back pillow, fancy tassel trimmings. Concealed head spreader and wood bar at foot with nickel caps. Deep woven drapery valance. Tastefully designed and assorted colors	33.75
No.	240.—Size of bed 36x84 inches. Canvas weave of hard-spun yarn, full colored. With large tufted throw-back pillow, fancy tassel trimmings. Concealed head spreader and wood bar at foot with nickel caps. Deep and heavy valance. Neat in design and assorted colors	36.00
No.	270.—Size of bed 40x84 inches. Heavy Jacquard weave, full colored. With large tufted throw-back pillow. Concealed straight spreader finished with detachable wood bars. Heavy and deep valance, fluted at each end. Elegant in design, assorted colors	40.50
No.	300.—Size of bed 40x84 inches. Heavy close Jacquard weave, full colored. With large tufted throw-back pillow, tassel trimmings. Concealed head spreader and fancy detachable wooden bars at head and foot. Heavy and extra deep valance, fluted at each end. Beautiful design with rich color combinations. Per doz.	45.00
No.	360.—Size of bed 40x90 inches. Extra heavy tapestry weave, full colored. With large tufted throw-back pillow with tassel trimmings. Concealed head spreader and handsomely ornamented wood bar at foot. Extra deep valance, pleated on the ends. Beautifully designed and rich in color effect	54.00
No.	390.—Size of bed 40x90 inches. Jacquard pattern weave, full colored. Extra large tufted throw-back pillow, fancy tassel trimmings. Concealed head spreader, detachable wood bar at foot. Very full and deep valance. Three extra stringing cords. Heavy weight, beautifully designed and elegant colorsPer dozen	58.50
No.	420.—Size of bed 40x90 inches. Extra heavy Tapestry weave, full colored. With extra large tufted throw-back pillow, tassel trimmed. Concealed head spreader and suspension divided by additional wood spreading bars at head and foot. With extra deep pleated valance. Oriental design in rich color combinations	
No.	Per dozen	63.00
No.	480.—Size of bed 42x90 inches. Double Tapestry weave, full colored. With large tufted throw-back pillow, tassel trimmings. Concealed head spreader and varnished wood bar at head and foot. Divided suspension	67.50
1	and extra swinging cords. Deep Tapestry valance, pleated. Durable weave in pleasing design and rich colors	72.00
	540.—Size of bed 42x90 inches. Extra heavy double Tapestry weave, full colored. With extra large tufted throw-back pillow, tassel trimmings. Concealed head spreader with divided suspension bars at head and foot. Extra stringing cords. Deep and heavy valance, pleated ends. An elegant hammock of large dimensions carefully made, neatly designed and beautifully colored	81.00
No.	600.—Size of bed 42x90 inches. Extra heavy double Tapestry weave, full colored. With finely upholstered throw-back pillow, tassel trimmed. Concealed head spreader with divided suspension bars at head and foot. Careful stringing throughout. Extra deep and heavy values placed updated and	
No.	in construction, design and color combinations	90.00
etc.	We aim to always keep our hammock line "up-to-the-minute". Of necessity, the patterns, designs, color sch, change materially from season to season. The dimensions given as well as the general descriptions will i	emes,

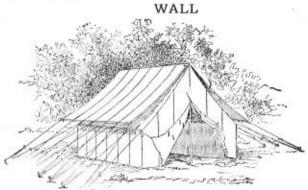
etc., change materially from season to season. The dimensions given as well as the general descriptions will in the main hold good. The numbers and the list prices quoted will be maintained. Depend upon getting the latest offerings and best value for the money.



PLAY



#### TENTS



Play Tents. Blue and white striped. Can be set up or taken down in a few minutes.

Height in center, 6 feet..... No. 6.—Size of base, 6x6 feet. 5.00 No. 6.—Size of base, 6x6 feet.

No. 7.—Size of base, 7x7 feet. Height in center, 6 feet.

Play Tents carried in stock. One in a bundle. 6.00

#### REGULAR WALL TENTS

Complete with Poles, Stakes, Guys and Keys.

	Size, Feet	Height of Center Feet	Height of Wall Feet	8 oz. Duck Single Filling	10 oz. Duck Single Filling	10 oz. Duck Double and Twisted Filling or 8 oz. Army	12 oz. Duck Double and Twisted Filling or 10 oz. Army	12 oz. Army Duck or No. 10	15 oz. Army Duck ,or No. 8
7	x 7	7	3	\$ 8.00	\$ 9.35	\$ 10.35	8 12-25	8 14.55	\$ 17.50
7	x 9	7	3	9.50	11.05	12.30	14.60	17.40	20.90
9	x 9	71/2	3	10.95	12.80	14.30	17.00	20.30	24.50
91/2	x 12	71/2	3	12.90	15.05	16.80	19.95	23.80	28.70
91/2		71/2	3	14.65	17.10	19.10	22.65	27.05	32.55
12	x 12	8	31/2	15.30	17.95	20.00	23.75	28.40	34.25
12	x 14	8	31/2	17.30	20.20	22.55	26.80	32.05	38.60
12	x 16	8	31/2	19.20	22.45	25.05	29.80	35.65	43.00
12	x 18	8	31/2	21.35	24.95	27.80	33.00	39.45	47.50
14	x 14	9	4	20.60	24.15	26.95	32.10	38.45	46.45
14	x 16	9	4	22.70	26.65	29.80	35.50	42.55	51.35
14	x 18	9	4	25.35	29.75	33.20	39.45	47.30	57.10
14	x 20	9	4	28.20	32.75	36.40	43.00	51.15	61.40
14	x 24	9	4	31.80	36.90	41.00	48-10	57.25	68-75
16	x 16	11	5	28.20	33.20	37.15	44.10	53-05	64.25
16	x 18	11	5	30.95	36-40	40.75	48-25	58.00	70.20
16	x 20	11	5	34.10	39.80	44.30	52-15	62.30	75.00
16	x 24	11	5	38.85	45.20	50.25	59-05	70.40	84-65
16	x 30	11	5	47.00	54.75	60.85	71.50	85.30	102.60
16	x 35	11	5	52.60	61.30	68-10	80.20	95.60	114.95
18	x 18	11	5	35.40	41.60	46.45	55.20	66.20	79.95
18	x 20	11	5	39.00	45.45	50.50	59.70	71.10	85.45
18	x 24	111	5	43.60	50.85	56.50	66.50	79.25	95.25
18	x 30	11	5	52.25	60.90	67.75	79.95	95.35	114.65
18	x 35	10000	5	58-15	67.80	75.40	89.05	106.25	127.75

NOTE.—The above prices do not include flies. Regular flies for any size Tent will be furnished without poles at one-half the price of the Tent. For extra long flies, prices quoted on application. If higher walls than list specifies are wanted, add 5 per cent. to list for each additional 6 inches of wall so added.

#### LARGE WALL TENTS

Extra Hand Roped and Finished. Complete with Poles, Stakes and Guys

Size, Feet	Height of Wall Feet	Height of Pole Feet	8 oz. Single Filling Duck	10 oz. Single Filling Duck	10 oz. D'ble Filling or 8 oz. Army Duck	12 oz. D'ble Filling or 10 oz. Army Duck	12 oz. Army or No. 10 Duck	Army or No. 8 Duck
21 x 30	5	11	\$ 89.00	\$ 101.00	\$ 113.00	\$ 127.50	\$ 141.50	\$ 173.50
21 x 35	5	11	104.50	118.50	132.50	149.50	166.00	204-00
21 x 40	5	11	115.00	130.50	146.00	164.50	182.50	234.50
21 x 49	5	11	136.00	154.50	173.00	194.50	216.50	265.50
24 x 28	6	13	105.50	120.00	134.50	151.00	168.00	206.50
24 x 35	6	13	125.00	142.00	159.00	179-00	199.00	244.00
24 x 42	6	13	144.50	164.00	183.50	206.50	229.50	282.00
24 x 51	6	13	169.50	192.50	215.50	242-50	269.50	331.00
24 x 60	6	13	195.00	221.50	248.00	279.00	310.00	381.00
24 x 65	6	13	207.50	236.00	264.50	297.50	330-50	406.00
30 x 37	6	15	160.00	182.00	204-00	229-50	255.00	313.00
80 x 42	6	15	175.00	199.00	223.00	250-50	278-50	342.50
30 x 47	6	15	189.50	215.50	241.50	271.50	301.50	370.50
	6	15	204.00	232.00	260.00	292-50	325.00	399.00
30 x 51	6	15	219.00	249.00	279.00	313-90	348-50	428.50
80 x 55	6	15	233.50	265.50	297.50	334-50	371.50	456.50
30 x 60	6	15	248.50	282.50	316-50	356-00	395.50	486.00
30 x 65 30 x 70	6	15	263.00	299.00	335-00	376-50	418.50	514.50

NOTE .- Flies without poles will be furnished at one-half the above prices for any given size Tent. If higher walls than above list specifies are wanted, add 6 per cent. to list for each foot or fractional part of a foot of wall so added.

Wall tents not carried in stock. Shipped from factory direct.

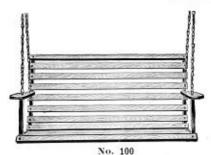
STERUNG BRAND FOR QUALITY STANDS

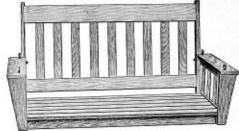


5.50

9.00

## PORCH SWINGS





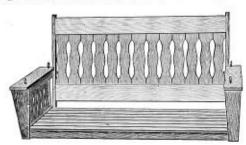
Nos. 200 and 300

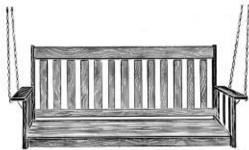
No. 100.—Weathered oak, varnished. Length 46 inches. Width of seat 15 inches. Height of back 20 inches. Slat and iron construction, bolted and riveted. Complete with rustless chain. A well constructed swing at a Each \$ 4.50

No. 200.—Weathered oak finish. Sanded perfectly smooth. Length of seat 42 inches. Width of seat 18 inches.

Height of back, 22 inches. Arms 12 inches high and 4 inches wide. Finished front. Complete with 32 feet
of salvanized chain. Well made. helted construction throughout of galvanized chain. Well made—bolted construction throughout. Each
No. 300.—Weathered oak finish. Sanded perfectly smooth. Length of seat 48 inches. Width of seat 18 inches.
Height of back, 22 inches. Arms 12 inches high and 4 inches wide. Finished front. Complete with 32 feet

of galvanized chain. A popular priced swing of medium width, high in quality. Bolted construction. Each





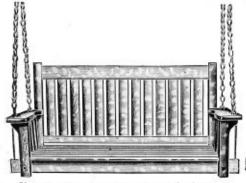
No. 400

Nos. 600, 700 and 750

No. 400.—Weathered oak finish. Sanded perfectly smooth. Length of seat 42 inches. Width of seat 18 inches. Height of back 22 inches. Arms 12 inches high and 4 inches wide. Finished front. Very neatly designed of back, 22 inches. "Form Fit" design, the seat is very comfortable and can be adapted as a swinging couch or a suspended seat. High grade material and workmanship throughout. Complete with 27 feet rustless

No. 700.—Quartered and plain oak, weathered oak finish. Length of seat 5 feet. Width of seat 20 inches. 7.50 of back 22 inches. The seat being of rounding shape makes it suitable for a swinging couch or a suspended

seat. Strictly high grade in material and workmanship. Complete with 27 feet of rustless chain..... Each No. 750.—Quartered and plain oak, weathered oak finish. Length of seat 6 feet. Width of seat 20 inches. Height of back 22 inches. The seat being of "Form Fit" design makes it suitable for a swinging couch or a suspended seat. A strictly high grade wide swing at a medium price. Complete with 27 feet of rustless chain. 11.25





Showing Nos. 800 and 900 as swinging seat.

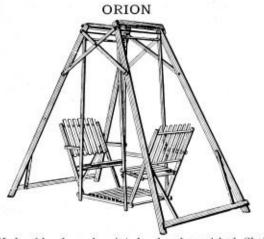
Showing Nos. 800 and 900 as hall or porch settee.

No. 800 .- High grade quarter sawed oak in all prominent parts and finished in weathered oak, waxed. Length of seat 5 feet. Length over all 5½ feet. Width of seat 21 inches. Height of back 27 inches. The seat is of shaped pattern and very comfortable. Complete with legs (making a settee) and 27 feet extra heavy rustless chain, making a swing. Massive in construction, with its high back, wide arms and seat, is comfortable in the extreme Each \$ 15.75

No. 900.—High grade quarter sawed oak in all prominent parts and finished in weathered oak, waxed. Length of seat 6 feet. Length over all 61% feet. Width of seat 21 inches. Height of back 27 inches. Shaped pattern seat, very comfortable. Complete with legs (making a settee) and 27 feet rustless chain, making a swing. A substantial massive swing, bolted throughout with high back, wide arms and seat, is extremely comfortable. In addition is particularly attractive from a decorative standpoint ...... Each One in a crate.

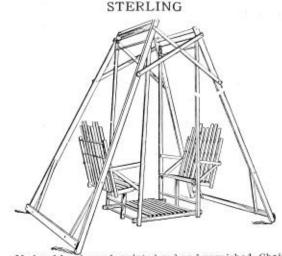


### LAWN SWINGS



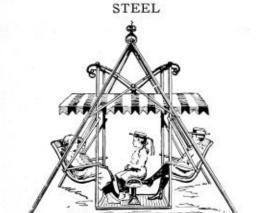
Made of hard wood, painted red and varnished. Chairs natural finish and varnished.

No. 2.—Orion. Top, 36 in. wide; bottom, 5 feet wide; length overall, 9 ft. Holds 4 adults. Each \$ 7.50



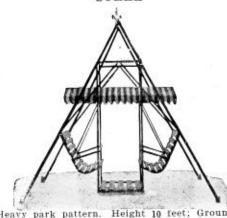
Made of hard wood, painted red and varnished. Chairs of oak, natural finish and varnished. Bolted and screwed. The best swing made.

No. 6.—Sterling. Top, 38 in. wide; bottom, 6 feet wide; length overall, 9 ft. Holds 4 adults. Each \$ 9.00 STEEL



Height 9½ feet; floor space 9x5 feet. Seats 30 inches wide and hung upon cushioned rawhide. Roller bearings. Made extra wide, so as to permit the use of third seat for foot rest. Holds four adults With richly colored

.....Each \$ 13.50



Heavy park pattern. Height 10 feet; Ground space 10x6 feet. Seat 30 inches wide, and hung upon extra heavy roller shaft which is noiseless. Slats nicely rounded and bolted on. Built especially for parks, playgrounds and heavy out-door service. Holes drilled below to fasten to stakes if desired.

No. HP.—Heavy park ...... Each \$ 18.00







No.	250	Nos. 4 and 6	Nos. 04 and 06	12
No. 250.—4 feet long. No. 4.—4 feet long. No. 6.—6 feet long.	Heavy round edge steel Wide base. Slats bolted Wide base. Slats bolted Springs and comfortable	legs. Hard maple slats, bolte and riveted. Neatly finished and riveted. Neatly finished Every slat bolted. Finishe	d onE	" 6.00 " 5.00
No or e foot long	Springy and comfortable	Every slat bolted. Finishe es not carried in stock; shipp	d in natural wood	" 6.75



### BICYCLES



This is a first class Bicycle, handsome in appearance and dependable in quality. It has been our aim to furnish a good Bicycle at a moderate price rather than one which has nothing but price to recommend it.

### REGULAR SPECIFICATIONS.

Frame.—Seamless tubing, 20, 22 or 24 inches in height. Finish.—Black enamel with fancy red head. Tires.—Single tube, guaranteed. Rims.—Finished to match frame. Coaster Brake.—Standard coaster brake fitted on Nos. 10 and 12 Bicycles. Cranks.—7-inch, drop forged in one piece. Handle Bars.—Adjustable. Gear.—81. Equipment.—Good padded saddle, rat-trap pedals, tool bag with wrench and oiler.

No. 10.—Bicycle. No. 12.—Bicycle.	Men's model, regular equipment ladies' model, regular equipment	Each	\$ 30.0 31.5	0
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### OPTIONAL EQUIPMENT—EXTRA CHARGE.

Mad for Moleum or Miller Donnie I and I meditinities and in the state of the state	
Add for G. & J. Clincher Tires.	8.00
Add for Truss Bar in frame of Men's model	5.00

### JUVENILE BICYCLES



#### REGULAR SPECIFICATIONS.

Frame.—Seamless tubing. Finish.—Black enamel. Tires.—Single tube, unguaranteed. Rims.—Finished to match frame. Cranks.—Drop forged. Handle Bars.—Adjustable. Equipment.—Good padded saddle, rat trap pedals, wrench and oiler only without tool bag unless specially ordered.

Boys' Models.		Girls' Models.	
No. 20.—20 in. Wheels, 16 in. Frame. No. 24.—24 in. Wheels, 18 in. Frame. No. 26.—26 in. Wheels, 19 in. Frame.	23.25	No. 20G.—20 in. Wheels, 16 in. Frame.       \$ 23.25         No. 24G.—24 in. Wheels, 18 in. Frame.       24.00         No. 26G.—26 in. Wheels, 19 in. Frame.       24.76	0

#### OPTIONAL EQUIPMENT-EXTRA CHARGE,

Add for Guaranteed Single Tube Tires	\$ 2.00
Add for Morgan & Wright Double Tube Tires.	5.00
Add for Coaster Brake	5.00
Add for Skirt Guard on Girls' Wheels	1.50
Add for Tool Bag	1.00



### BICYCLE BELLS

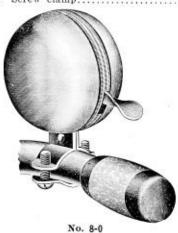






No. 710 .- 2- inch wrought metal beaded gong. Full nickel finish. Lever bell. Electric stroke. Rotary move-Screw clamp ment. Per dozen \$ 3.00 No. 105 .- 21/2-inch wrought metal gong. Full nickel finish. Extra heavy. Lever Bell. Electric chiming. tric echo. Screw clamp 







No. S71.-2- inch cast bell metal beaded gong. Nickel finish. Lever Bell. Electric stroke. Rotary movement. Screw clamp . Per dozen \$.5.00 ...... Per dozen 8.00

### BICYCLE LAMPS







20th Century Gas



power light. Made of brass, nickel-plated. Height 7 inches, weight 22 ounces. With combination head and fork bracket ..... Solar Gas .side jewels. Height 7 inches. With combination head and fork bracket..... Each All the above lamps packed one in a carton.



### BICYCLE SUNDRIES

M. & W. DOUBLE TUBE TIRES.



Nos. 24, 26 and 28

M. & W. INNER TUBES



Nos. 128, 224, 226 and 228

M. & W. SINGLE TUBE TIRES

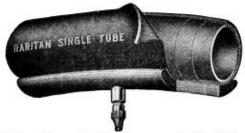


Nos. 024, 026 and 028

No. 24.—M. & W. Double Tube Tires. S.ze 24x1% inches	Per pair	\$ 7.00
No. 26.—M. & W. Double Tube Tires. Size 26x11/2 inches		8.00
No. 28.—M. & W. Double Tube Tires. Size 28x11/2 inches		8.00
No. 024.—M. & W. Single Tube Tires, Size 24x13 inches		6.75
No. 026.—M. & W. Single Tube Tires. Size 26x11/2 inches		7.50
No. 028.—M. & W. Single Tube Tires. Size 28x1½ inches		7.50
No. 128.—M. & W. Inner Tubes. No. 1 grade—first quality. Size 28x1½ inches	Per dozen	16.50
No. 224.—M. & W. Inner Tubes. No. 2 grade—second quality. Size 24x1% Inches.	44	13.00
No. 226.—M. & W. Inner Tubes. No. 2 grade—second quality. Size 26x1½ inches		14.00
No. 228. M. & W. Inner Tubes. No. 2 grade—second quality. Size 28x11/2 inches.		14.00

Inner tubes packed one-twelfth dozen in a carton.

### RARITAN TIRES



### NONPAREIL TIRES



Nonpareil Tires. Single tube, guaranteed. Good quality and equal or superior to any tires sold at a similar price.

N	o. N24.—Size 24:	13% inches	Per pair	\$ 4.20
N	o. N26.—Size 26	x11/2 inches	**	4.35
N	o. N28.—Size 28:	x11% inches	46	4.50



M. & W. VALVES AND STEMS



TIRE TAPE



PATCHING RUBBER



METAL BASE VALVES

M. & W. Valves and Stems.—Complete. For double tube tires	Per dozen	\$ 1.80
Tire Tape.—1 ounce rolls. Each roll in a carton, 1 1/2 dozen in a box	Per dozen	.45
Patching Rubber.—First quality. In strips 21/2 inches wide. Packed in rolls containing 1/4 pound		1.50



### BICYCLE SUNDRIES

RUBBER CEMENT

WOOD RIM CEMENT

SAMPSON BRASS PLUGS



Sterling. First quality. For repairing single or double tube tires.

No. 1.-1 ounce tubes. Per doz. \$ .60

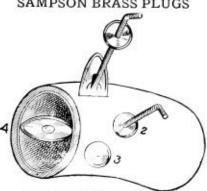
No. 2 .- 2 ounce tubes. 1.20



Sterling. First quality. For attaching tires to rims.

No. 10.-1-ounce tubes. Dozen \$ .60 No. 20 .- 2 ounce bottles, with

swab ......Per dozen One dozen in a box.



Metal plugs for making a positive and permanent repair in single tube tires. Made in three sizes, No. 1 small, No. 2 medium and No. 3 large. Sampson Plugs. — Any size.

Per dozen ..... \$ 1.20

NEVERLEAK

THREE-IN-ONE

OVAL OILERS



No. 4



Nos. 1, 2 and 3



No. 75





.30

#### -Neverleak. 4-ounce tubes. Will cure porous tires or heal small punctures. One dozen a box. Per dozen \$ 3.00 No. 1.—Three-in-one oil. Small size. Two dozen in a box. No. 2.—Three-in-one oil. Large size. One dozen in a box. No. 3.—Three-in-one oil. Factory size. One dozen in a box. No. 75.—Oval Oilers. Nickel-plated. Six dozen in a carton. 1.20 2.70 6.00 1.20 No. 10.—Hand pumps. Nickel-plated. Detachable connection No. 25.—Foot pumps. Nickel-plated. 1½x12-inch cylinder. Cast base 1.80

### TROUSER GUARDS

### WRENCHES





No. 30 .- Trouser guards. Spring steel, Japanned. Three dozen pairs in a box...

..... Per dozen pairs

Nos. B1 and A2 No. B1.—Bicycle Wrenches. 5 inches long. Drop forged and case hardened.

No. A2.—Bicycle Wrenches. 6 inches long. Drop forged and nickeled Per dozen \$ 1-80 3.00 Each in a carton; one dozen in a package.



### EXPRESS WAGONS

HOOSIER EXPRESS



No-	Size	of Body	Size of	Wheels	Price
	Width	Length inches	Front inches	Rear	Per Dozen
06	6	12	5	5	\$ 6.75
04	9	18	6	9	10.50
03	10	20	7	10	12.00
02	11	22	8	11	13.50
0	12	24	8	12	16.00
1	13	26	10	13	18.50
2	14	28	11	14	22.50
3	15	30	12	15	25.00
4	16	32	13	16	30.00
5	18	36	14	18	45.00

No. 6, one dozen in a crate. No. 5, cne-twelfth dozen in a carton; all others one-sixth dozen in a carton. Sold only in full carton lots.

Hoosier Express. Body with sheet steel sides, top edge rolled and hardwood bottom. Truss frame gear. Extra wide steel rim wheels. Painted red, gears and wheels black baked enamel. Packed all parts complete inside of bed.

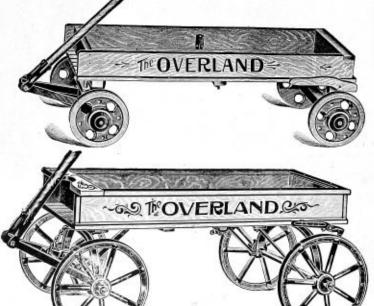
### SILENT PARTNER



No. 10.—Body 12 in. wide, 24 in. long. Wheels, front 8 in., rear 12 in. in diameter ............ Per dozen \$ 27.00

Silent Partner. Same general construction as Hoosier Express above described but fitted with ½-inch rubber tire wheels. An extra well made wagon, finely finished.

### OVERLAND COASTER WAGONS



No. OA.—Size of bottom 11x30 inches. 6-inch cast metal wheels. Per dozen \$ 25.00 One-sixth dozen in a crate.

White ash buckboard bottom and skeleton type removable express box. Reliable steering mechanism, hard maple pole, hand brake, etc. Attractively finished.

No. 1A. —Bottom 14½,336 in. Wheels 8 inches in diameter...Per dozen \$ 48.00

No. 2A. —Bottom 14½,336 in. Wheels 11 inches in diameter...Per dozen No. 3A. —Bottom 16½,340 in. Wheels 11 inches in diameter...Per dozen No. 5A. —Bottom 18½,344 in. Wheels 11 inches in diameter...Per dozen One-sixth dozen in a crate.

White ash bottom with removable skeleton type express box. Heavy steel wheels with wood spokes and hard steel roller bearings. Hard maple pole, hand brake, etc.

Overland Coaster Wagons. All made with perfect steering mechanism which operates equally well with express box on or off. Equipped with hand brake and hard maple pole. Attractively finished. Will withstand the roughest kind of usage.



### HAND CARS

IRISH MAIL



Irish Mail.—No. 2 size. Front wheels 8 inches, rear wheels 12 inches in diameter and fitted with 1/2-inch rubber tire. Extra heavy axles and ma-chine turned bearings. Wheel base 31 inches, tread 16 inches. Built low and broad to prevent upsetting, the seat being 12 inches from the floor. Wood work of selected hickory, smoothly sanded and finished in combination of red, green and black colors arranged to make an exceedingly attractive car One in a crate.

### VELOCIPEDES

ORION



Orion. Frame finished in black enamel, steel tire wheels tinned. Adjustable seat.

No. 1.—16-inch front, 12-inch rear wheels.... Each \$ 2.00

No. 2.—20-inch front, 14-inch rear wheels... " 2.50

No. 3.—24-inch front, 16-inch rear wheels... " 3.00

One in a bundle.

### STERLING



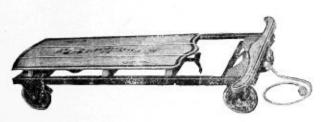
No. 24.—Steel racer. Front wheels 8 inches, rear wheels 12 inches in diameter and fitted with 1/2inch rubber tire. Wheel base 30 inches, tread
16 inches. All steel except seat and handle. Seat
12 inches from the floor. Seat painted red, all other parts enameled black......Each \$ 5.00 One in a crate.



Starling. Frame finished in black baked enamel, Wheels fitted with rubber tires and straight spokes, inned.

No. 1R .- 16-inch front, 12-inch rear wheels, .. Each \$ 3.50 No. 2R.—20-inch front, 14-inch rear wheels... "
No. 3R.—24-inch front, 16-inch rear wheels... " 4.00 One in a bundle.

### GLIDEROLES





Gliderole, the roller sled. Wood parts of selected white ash, frame mortised together. Metal parts of pressed steel. The steering device is very simple and reliable and can be operated either with the hands, feet or rope. The brake is conveniently located and positive in action. Wheels fitted with roller bearings. Wood parts sanded smooth, and varnished. All metal parts finished in baked enamel.

"STERLING K. LULD FOR QUALITY STANDS"

### **GO-CARTS**









### COLLAPSIBLE













19.00

All Collapsible carts open and close with one motion. All steel construction, reclining back, adjustable dash, springs under seat. Gear enameled in black. Colors, Green, Brown, Black or Red leather cloth. With strap.

Geneva, carried in stock; all others shipped from factory direct.

### GO-CARTS AND CARRIAGES







No. 327.—English Reclining. 10-inch wheels, %-inch Rubber Tires. Folding gear, springs, footbrake and enameled handle. Leather cloth cushions with folding hood, brass plated joints and strap . No. 334.—English Reclining. 14-inch wheels, 1/2-inch Rubber Tires. Stationary gear, springs, footbrake and enameled handle. Leather cloth full cushions. Lined folding hood, brass plated joints, strap ... Each
English Reclining. 14-inch wheels, %-inch Rubber Tires. Stationary gear, tubing handle, springs,
footbrake. Raised panel body. Leather cloth upholstering, tufted. Folding hood, lined ..... Each 27.0046.00







No. 367 No. 401 No 360 No. 401 .- Runabout Sleeper. 12-inch wheels, 1/2-inch Rubber Tires. Stationary gear, springs, footbrake, 3/4-inch tubing handles. Full cushions of leather cloth with shields. Folding hood, unlined No. 367.—Reclining Sleeper. 14-inch wheels, %-inch Rubber Tires. Reclining back, springs, footbrake, enameled handle. Leather cloth full cushions with shields. Unlined hood. Enameled joints ..... Each English Perambulator. 14 and 20-inch wheels, ½-inch Rubber Tires. Body 16x34½ inches. Foot brake, enameled handle and straps. Upholstering and reversible hood of leather cloth ............. Each



33.00



No. 351 No. 405.—Runabout Sleeper. 12-inch wheels, 1/2-inch Rubber Tires. Stationary gear, springs, footbrake, 3/4-inch tubing handles, enameled push bar. Gear enameled in brown, body and hood light oak. Upholstered in Rep cushions, hood padded and lined. No. 351.—Hood Carriage. 14-inch wheels, 1/2-inch Rubber Tires. Springs, footbrake, enameled handle. Gear enameled in brown, body light oak. Lined hood. Cushion upholstered in Simile Silk Damask, Narrow Wale Cordurary or Farlish Location Clark. Wale Corduroy or English Leather Cloth ..

No. 346.—Hood Carriage. 14-inch wheels, ½-inch Rubber Tires. Springs, footbrake and enameled handle. Gear enameled in brown, body light oak. Lined and padded hood. Cushion upholstered in Simile Silk Damask, Narrow Wale Corduroy or English Leather Cloth .....

Not carried in stock; shipped from factory direct. STERUNG BRAND FOR QUALITY STANDS"

27.00

32.00

40.00

### SLEDS



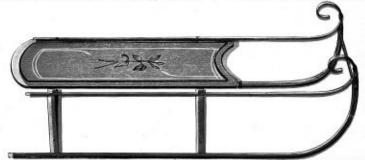
No. 80.—Length 27 in., width 10 inches, height 6 inches. %-inch wide, half oval steel runners, all parts firmly riveted ..... Per dozen \$ 9.00



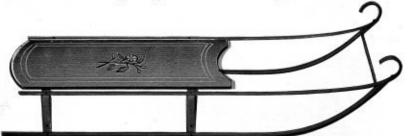
No. 82.—Length 30 in., width 10 in., height 4 in. %-inch wide, half oval steel runners, all parts firmly riveted., Per dozen \$ 9.00



No. 34.—Length  $30\frac{1}{2}$  inches, width 11 inches, height  $6\frac{1}{2}$  inches. "T" steel runners and knees..... Per dozen \$ 12.00 No. 36.—Length 34 inches, width 11 inches, height  $6\frac{1}{2}$  inches. "T" steel runners and three knees.... " 16.00



No. 16.—Length 30 in., width 12 in., height 6½ in. ½-inch "T" steel runners, 2 flat steel knees and braces. Per doz. \$ 14.00 No. 20.—Length 31 in., width 12 in., height 6½ in. ½-inch "T" steel runners, 3 flat steel knees and braces. " 18.00









No. 85.—Length 32 inches, width 12 inches, height 6 inches. "T" runners Per dozen \$ 21.00 No. 86.—Length 36 inches, width 12 inches, height 6 inches. "T" runners 24.00











No. 500.—Length 50 inches, width 13 inches, height 6 inches. "T" runners. Aluminum Finish Runners. Pe ozen \$ 50.00 One-sixth dozen in a bundle.

Sterling sleds are made of thoroughly seasoned second growth ash, natural color and varnished. Neatly decorated.

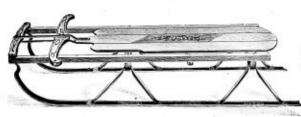
\*SIERLING BRAND FOR QUALITY STANDS"

### "FLEXIBLE FLYER" SLEDS





No. 2.—Length 40 inches, width 13 inches, height 6½ inches. Weight 10 pounds. Carries one grown person or two children.........Per dozen \$ 36.00











No. 6.—Length 101 inches, width 16 inches, height 8% inches. Weight 41 lb. Carries 6 grown persons. Per dozen \$ 144.00 One-sixth dozen in a bundle.

#### FLEXIBLE FLYER FEATURES.

Steering bar.—Bends the spring-steel runners to the right or left as desired and the sled thus follows smoothly in the direction rider wishes to go without checking in any way the speed. The control is perfect and the smallest child can operate as easily as a grown-up.

.Patented runners.—"T" shape spring-steel with groove along the bottom. This groove prevents skidding or slipping on icy hills or pavements.

Construction.—Only straight grained second growth ash used. Uprights or supports of pressed high carbon steel. Runners are Japanned and the wood work is handsomely decorated and finished with three coats of best grade varnish.

### PAPER HANGERS' TOOLS

SEAM ROLLERS



No. 213.—11/4 inch polished oval maple roller. Hardwood handle, neatly finished and with nickel trimmings. Each in carton ... Per dozen \$ 2.50 One dozen in a box.



No. 224.—1¼ inch rubber covered roller. Hardwood handle, neatly finished and with nickel trimmings. Each in a carton . . . . Per dozen \$ 3.00 One dozen in a box.



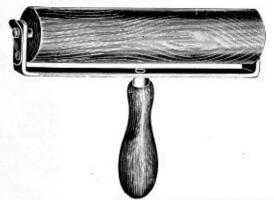
No. 260.—2 inch polished maple roller. Hardwood handle, nicely finished and with nickel trimmings. Each in a carton.......Per dozen \$ 3.60 One dozen in a box.

### SIDE ARM ROLLERS



No. 220.—1 inch polished maple side-arm roller. Hardwood handle, neatly finished and with nickel trimmings. Each in a carton. Per dozen \$ 3.60 One dozen in a box.

### SMOOTHING ROLLERS



Smoothing rollers. For closing the seams when the paper is placed on the wall. Extra heavy nickel plated steel frames and large polished red handles. Width 8 inches

CASING KNIVES



### WHEEL KNIVES



No. 412.—2 inch blade. Short bevel. Double arm bracket. Polished maple handle. Each in a carton. Per dozen \$ 7.20



No. 413.—2 inch blade. Short bevel. Red polished handle. Paste cleaner attachment—insures sharp cutting edge at all times. Each in a carton . . . . . . . . . . . . . . Per dozen \$ 9.60

#### STRAIGHT BACK KNIVES



No. 506.—Straight back. Highly tempered, polished blade. Burnt wood handle. Per dozen \$ 3.00

### WALL SCRAPERS



No. 431.—Iron handle with blunt point scraping blade, 3 inches wide. Socket handle. Per dozen \$ 2.00

### GRAINING ROLLERS



No. 172.—Heart graining roller. 3 inches wide.
On mallet with wire handle. Designed especially for family use. For graining floors wainscoating, partitions, etc......Per dozen \$ 8.00
All above one dozen in a box.

### GLASS CUTTERS









No. 032.—5 inches long. All steel. Red enameled handle. Polished head. Extra large wheel for cutting by patterns.

Per dozen \$ 2.00

One dozen in a box.



One in a carton. One dozen in a box.





No. 1.—Goodell. 5½ inches long. Solid cast steel head. Six hardened cast steel wheels, Black enameled wood handle One dozen in a box.



No. 2.—Goodell. 5½ inches long. Solid cast steel head. Six hardened cast steel wheels. Polished steel handle with putty knife end.

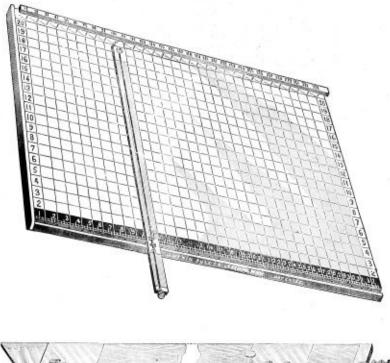
One dozen in a box.

Per dozen \$ 5.00



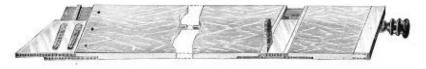
### PERFECTION GLASS BOARDS

WITH IMPROVED ADJUSTABLE STRAIGHT EDGE





Upper side of straight edge.



Lower side of straight edge.

Perfection Glass Board. Quickly adjusted. By merely turning a thumb nut at the end of the rule, the straight edge can be adjusted so as to cut eighths, quarters and halves of an inch, a feature not to be found on other boards. The straight edge is held firmly at both ends enabling operator to cut glass to a uniform size.

The board is made of well-seasoned lumber, made of narrow strips and will always remain true. It is ruled from side to side both ways, dividing the board into even inches. At the top is a series of perpendicular pins, one for each inch and at the bottom a corresponding series of horizontal pins. The straight edge is provided at each end with a laterally adjustable gauge connected with and moved simultaneously equal distances by a connecting rod. This feature makes it impossible to move one gauge more than the other. When even inches are to be cut, these gauges are brought even with the right hand side of the straight edge. The wedge shaped point is inserted between the perpendicular pins and the plug at the other end of the straight edge is dropped between the horizontal pins at the desired inch.

Nos	24	30	36	42	48
Size, inches	24×36	30x48	36×54	42×60	48x72
Each	\$ 10.00	12.00	14.00	16.00	18.00

Each board securely packed. Not carried in stock. Shipped from factory direct.



### AMERICAN WINDOW GLASS

List of October 1st, 1903.

Per Box of 50 Square Feet.

	Sizes   Size					DOUBLE STRENGTH.										
United Inches	Sizes	AA	A	В	c	United Inches	Sizes	AA	A -	В						
25	6x 8 to 10x15	\$32.00	\$26.75	\$25.50	\$25.00	25	6x 8 to 10x15	\$42.75	\$37.50	\$35.50						
34	11x14 to 14x20		28.00	26.75	26.00	34	11x14 to 14x20	46.75	41.50	38.75						
34	12x13 to 14x20	33.50	28.00	26.75	26.00	34	12x13 to 14x20	46.75	41.50	38:75						
40	10x26 to 16x24	36.00	30.00	28.00	27.00	40	10x26 to 16x24	52.00	45.50	41.50						
50	18x22 to 20x30	37.50	31.75	29.50	*******	50	18x22 to 20x30	56.00	49.50	46-00						
50	20x20 to 20x30	37.50	31.75	29.50		50	20x20 to 20x30	56.00	49.50	46.00						
54	15x36 to 24x30	38.75	32.75	30.00		54	15x36 to 24x30	57-50	50.75	46.75						
60	26x28 to 24x36	40.00	34.75	31.00	arreser.	60	26x28 to 24x36	58-75	52.00	47-50						
70	26x34 to 30x40	42.75	38.50	33.75		76	26x34 to 30x40	62.75	56-00	50.75						
70	28x32 to 30x40	42.75	38-50	33.75		. 70	28x32 to 30x40	62.75	56-00	50.75						
70	30x30 to 30x40	42.75	38.50	33-75		70	30x30 to 30x40	62.75	56.00	50.75						
80	32x38 to 30x50	48.75	44.50	38-50		80	32x38 to 30x50	68-00	61-50	55.50						
80	34x36 to 30x50	48.75	44.50	38-50		80	34x36 to 30x50	68.00	61.50	55.50						
84	30x52 to 30x54	52.00	47.50	41.75		84	30x52 to 30x54	69.50	62.75	56.75						
90	30x56 to 34x56					90	30x56 to 34x56	73.50	66.75	61.50						
94	34x58 to 34x60					94	34x58 to 34x60	74.75	68.00	62.75						
100	36x60 to 40x60					100	36x60 to 40x60	88.00	80.00	74.75						
105	40x62 to 40x64					105	40x62 to 40x64	94.75	86.75	80.00						
110	40x66 to 40x70					110	40x66 to 40x70	105.50	97.50	90.75						
115	40x72 to 40x74					115	40x72 to 40x74	118.75	108.00	101.50						
120	40x76 to 40x80					120	40x76 to 40x80	140.00	126.75	120.00						
125	40x82 to 40x84					125	40x82 to 40x84	153.50	140.25	133-50						
130	40x86 to 40x90					130	40x86 to 40x90	167-00	153.75	147-00						

An additional 10 per cent will be charged for all glass more than 40 inches wide. All sizes over 52 inches in length and not taking more than 81 united inches, will be charged in the 84 united inches bracket. All glass 54 inches wide or wider, not making more than 116 united inches, will be charged in the 120 united inches bracket. Upon request, we will send a booklet giving list per box on each size and single lights.

### TABLE SHOWING NUMBER OF LIGHTS IN A BOX.

	Sizes		No. Lights Per Box		Sizes	No. Lights Per Box		Sizes	No. Lights	Per Box	,		No. Lights Per Box		91215	No Lights Per Box	Sizes		No. Lights Per Box	Sizes	No. Lights Per Box	Sizes	No. Lights Per Box	Sizes	No. Lights Per Rox		Sizes	No. Lights Per Box	Sizes		No. Lights Per Box
6	-		150			41	12			10	15	x 15	32	16		1		40	9 22	x 60	5 24		4 28		2 6		x 70	3	34 x	46	5
8	X		115 90	3	18 19	37				10		16	30	100	70		3	42	9	62		84	4	4			72	3		48	5
•	x	12			20	-	13			37		18	27		72			44	8	64	5	86	-	4	28000		74	3		50	4
		13			22	33			16	35		20	24		74			46	8	66	5	88	-	. 4			76	-		52	4
		14			24	30				31		22 24	22		76			48	8	68	5	90		5			78	3		54	4
		15	100		26	27				28			-	18				50	7	70	5 26			5			80	3		56	4
		16				25			22	25		26	19		20			52	7	72	5	28		5			82	3		58	4
					28 30	23				23		28	17		22			54	7	74	4	30	1	5			84	3		60	4
		18				22				21		30	16		24	17		56	6	76	4	32	9	5			86	3		62	3
		20			32					20		32	15		26			58	6	78	4	34	7.	6			88	3		64	3
9	x	11	73		34				30	19		34	14		28	1		60	6	80	4	36	1 2	6			90	3		66	3
		12			36	18				17		36	13		30			62	6	82	4	38		6		32	x 32	7		68	3
		13			38	17			34	16		38	13		32			64	6	84	4	40		6			34	7		70	3
		14			40	16				15		40	12		34			66	5	86	4	42	7	6			36	6		72	3
		15			42	16	1			15		42	11		36			68	5	88	4	44	6	7			38	6		74	3
		16			44	15				14		44	11		38			70	5	90	4	46	6	7			40	6		76	3
		18			46	14				13		46	10		40			72	5 24	x 24	12	48	6	7			42	6		78	8
		20			48	14				13		48	10		42			74	5	26	12	50	6	7			44	5		80	3
		22	36		50	13				12		50	10		44	_		76	5	28	11	52	5	7			46	5		82	3
0	X	12		12		50					16		28		46			78	4	30	10	54		8			48	5		84	3
		13	55		13	46				11		18	25		48			80	4	32	10	56		8			50	5		86	3
		14			14		14 :			37		20	23		50	1 -		82	4	34	9	58	5	8	4 3		52	4	36 x	36	6
		15	48		15	40				32		22	21		52			84	4	36	9	60	5	8	3	ĺ.	54	4		38	6
		16			16	38				29		24	19		54			86	4	38	8	62	4	8	8 3		56	4		40	5
		18	40		18	34				26		26	17		56			88	4	40	8	64	4	9	0 3	1	58	4		42	5
		19	38		19	32				24		28	16		58			90	4	42	7	66	4 30	0 x 3	0 8		60	4		44	5
		20			20	30				22		30	15		60			22	15	44	7	68	4	3	2 7	i .	62	4		46	5
		22			22	27				20		32	14		62			24	14	46	7	70	4	3			64	4		48	4
		24			24	25				19		34	13		64			26	13	48	6	72	4	3	6 7		66	3		50	4
		26			26	23				17		36	13		66			28	12	50	6	74	4	3			68	3		52	4
		28			28	22			32	16		38	12		68			30	11	52	6	76	4	4	0 6	l	70	3		54	4
		30			30	20				15		40	11		70			32	10	54	6	78	4	4			72	3		56	4
		32			32	19				14		42	11		72			34	10	56	5	80	3	4			74	3		58	3
		34			34	18				14		44	10		74			36	9	58	5	82	3	4			76	3		60	3
		36			36	17				13		46	10		76			38	9	60	5	84	3	4			78	3		62	3
		38	19		38	16				12		48	-	20 x				40	8	62	5	86	3	5			80	3		64	3
		40			40	15			44	12		50	9		22			42	8	64	5	88	3	5			82	3		66	3
		42	7.7		42	14				11		52	9		24			44	7	66	5	90	3	5		8.0	84	3		68	3
		44	16		44	14			48	11		54	8		26			46	7	68	4 28	× 28	9	5			86	3		70	
		46			46	13				10		56	-8	8	28			48	7	70	4	30		5		24		6		72	3
		48	15		48	13				10		58	- 8		30			50	7	72	4	32		6			x 34 36			74	3
		50	14		50	12			54	10		60	8	K.	32	11		52	6	74	4	34	8	6			38	6		76	3
1	x	12	55		52	12			56	9		62	7		34			54	6	76	4	36		6			40	-			3
		14	100000		54	11			58	9		64	7	1	36			56	6	78	4	38		6			42	6		78	3
		15	44		56	11			60	9		66	7		38	10		58	6	80		40		6			44	5		80	3



"WEARS LIKE TILE"

### TILE-LIKE

RENEWS EVERYTHING





FLAT & GLOSS WHITE FLAT & GLOSS WHITE --- FLAT YELLOW

### TILE-LIKE

**FLOORS** 

It makes the best and most durable finish on floors. Can be used on hard or soft wood.

OLD FURNITURE

It erases all scratches and mars.

WICKER FURNITURE

Coated with Tile-Like gives it an appearance as if new.

PORCH CHAIRS

Coated with Tile-Like makes a beautiful finish.

LINOLEUM or OIL CLOTH

Coated with Tile-Like adds to wear. Will resist water and never turns white.

DEAD BLACK

One coat Tile-Like Dead Black applied to tarnished Chandeliers, Lamps or Fire Fronts makes a beautiful finish.

All old work should be washed with scouring soap before applying Tile-Like.

Be sure the work is thoroughly dry.

### BENJAMIN MOORE & CO.

**MANUFACTURERS** 

PAINTS, VARNISHES, MURESCO, TILE-LIKE

**NEW YORK** 

CHICAGO

CLEVELAND

TORONTO











### "WEARS LIKE TILE"

### TILE-LIKE

RENEWS EVERYTHING



### TILE-LIKE

Tile-Like is a varnish an stain combined, and more than that it is a colored varnish that requires no stirring.

Tile-Like stains and varnishes at the same time and will not hide the grain of the wood. When used on floors it will make a perfect floor varnish. It is made in eight (8) different colors, in flat yellow black and gloss white. It is the only article of its kind that is particularly adapted for the use of the practical man.

It is uniform in color, a quality which gives it an advantage over other like materials.

Tile-Like is sold on its merits and not through magazine advertising.

### TILE-LIKE

Tile-Like is made from a hard Kauri Gum combined with Linseed and China Wood Oils so as to make a hard, tough, elastic finish and which combines readily with the coloring matter to give the desired shade. It works easily, is slow in setting and can be rubbed in twenty-four hours. It is suitable for all kinds of interior work, particularly where the matter of wear and tear is an item.

### LIST PRICE OF TILE-LIKE

Quarter Pint	-		-	15c.
Half-Pint -		-		- 25c.
One Pint -	-			40c.
Quarter Gallon		-		75c.
Half-Gallon	-		-	\$1.35
One Gallon .		-		\$2.50

### BENJAMIN MOORE & CO.

MANUFACTURERS

PAINTS, VARNISHES, MURESCO, TILE-LIKE

NEW YORK

CHICAGO

CLEVELAND

TORONTO









1085

Made in 18 Colors and Natural (Clear)
Renews Everything from Cellar to Garret



Glidden



# Made in 18 Colors and Natural (Clear) Renews Everything from Cellar to Garret

### FOR FLOORS, FURNITURE AND ALL INTERIOR WOODWORK

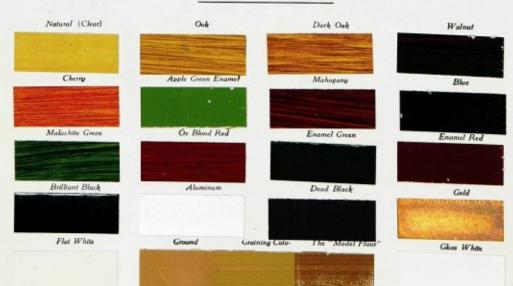
### JAP-A-LAC List Prices:

Gold	All Colors Except Gold and Aluminum Aluminu	m
Size No. 5 Listeach, \$3.00	1 gal. can List each. \$3.00 Covers 400 sq. ft. [2 coats] Size No. 5 List each	ch, \$1.65
Size No. 4 " " 1.65	½ gal. can " " 1.65 " 200 " " " Size No. 4 " "	.90
Size No. 3 " " .90	Pint can " " .50 " 50 " " Size No. 3 " "	.50
Size No. 2 " " .50	% pt. can " " .30 " .25 " " Size No. 2 " "	.30
Size No. 1 " " .30	5 gal. cans, at \$2.90 per gal. (Natural only). Size No. 1 " "	.20
1 # 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Prices, JAP-A-LAC Graining Specialties:	2000
		, \$ .40
14 44	(One pound is sufficient for about 40 sq. ft. of surface)	.20
JAP-A-LAC Graining Too	ol, [except when sold in the Model Floor Set] "	.50
JAP-A-LAC Graining Col		.25
JAP-A-LAC Model Floor		2.75
All JAP-A-L	AC Graining Specialties are subject to the same discount as JAP-A-LAC.	
NOTE — The JAP-A-LAC Each set contains the following:	Model Floor Set contains all of the materials necessary for graining floors, doors and all interior we	oodwork.
l quart o l pint of l JAP-1 Spe l Brush l Brush	of Natural JAP-A-LAC [sufficient for 2 coats] - \$.90 of Ground Color JAP-A-LAC [sufficient for 2 coats]90 if Graining Color JAP-A-LAC [sufficient for 1 coat]25 A-LAC Graining Tool - \$.50 ceial price in this assortment25 for Natural JAP-A-LAC50 for Ground Color JAP-A-LAC20 for Graining Color JAP-A-LAC15	

### JAP-A-LAC COLOR CARD

Price Complete

\$ .85 All for





# Alabastine The Sanitary Wall Coating





Selecting the Colors



Placing the Order



It Does Not Pay to Stock Goods That Are Unadvertised and Unknown

Simply Because They are Sold Cheap

### Alabastine The Stylish Wall Tint

Is in demand among the people; they come into your store for it. It is recognized as **Quality Goods.** It is not a Cheap Kalsomine; it is not in that class. The Alabastine Co.'s liberal policy of telling people about Alabastine, and their willingness to help the householder in getting his home properly decorated, is developing a wonderfully increased demand year by year.

### Coaxing Trade

These who do not sell Alabastine are missing an opportunity to not only add a profit maker to their line, but a trade coaxer as well. Every person who is planning to use Alabastine, also needs a number of accessory articles, such as Brushes, Paints, Tacks, Hammers and a thousand and one odds and ends. Why not get the whole trade?

Alabastine pays a generous profit. It coaxes trade to your store.





## Alabastine The Sanitary Wall Coating



Dealers sell Alabastine because it is advertised, in demand, affords a good margin of profit, is recognized as a high grade article and draws customers to the dealer's store.

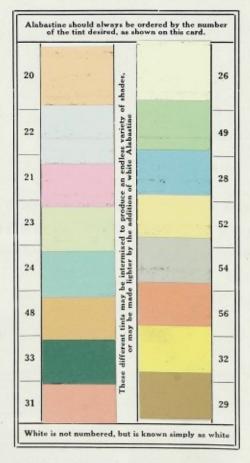
Practical men use Alabastine because it is easy to mix, requiring only cold water, has rich, beautiful, velvety tints, and because, with Alabastine, decorators can get a larger and better class of work and give the housekeeper the material that she asks for on her walls.

### Sample Tints of Regular Alabastine

A
Durable
Coating,
Not a
Kalsomine.

by Patents

Protected



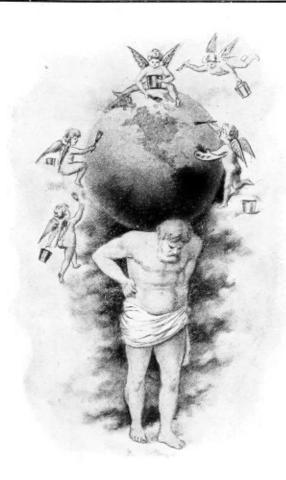
The
Best Painters
and
Decorators
Use
and
Recommend
Alabastine

### LIST PRICE

Alabastine—All Regular Shades, in 5 lb	. P	acl	cag	es					\$0.55
Alabastine—White, in 5 lb. Packages									0.50

### Paints, Colors Ground in Oil

### WHITE LEAD AND VARNISHES



Logan · Gregg Hardware Company
DISTRIBUTORS

FOR

Geo. D. Wetherill & Co.

Incorporated

PHILADELPHIA



### WETHERILL'S ATLAS PREPARED PAINT



Inside White, Outside White and Black.

High colors marked X.







We have secured from Geo. D. Wetherill & Co., Inc., the exclusive sale of their Wetherill's Atlas Prepared Paint and Manufactured Specialties for Western Pennsylvania, Eastern Ohio and West Virginia, and are in a position to fill all orders promptly.

In placing before our patrons the old and well-known line of Wetherill's Atlas Prepared Paints we feel that we have selected a paint of the highest quality, manufactured by one of the oldest concerns in the country.

Established in 1807 they have built up an enviable reputation by over One Hundred Years of Honest Effort.

ATLAS Prepared Paint is without a peer. No Paint can be made better. It is in all the Perfect Paint.

One Gallon of ATLAS covers three hundred square feet two coats. You will note the Guarantee to give satisfaction.

To ascertain the amount of paint required—Add the number of feet in width to the number of feet in length, (both sides:) this multiplied by the average height, gives the number of square feet to be painted. This divided by 300—as one gallon of this paint covers 300 square feet (two coats), gives the amount required in gallons.

### Example:

Rear,	40 ft. 40 ft.	(Multiply) Height, 35
Side, Side,	50 ft. 50 ft.	300)6300
	180	21 gal, for 2 coats

This is an approximate estimate. Should the surface be smooth and hard, less will be required; if rough, more.

The agency propositions offered to dealers are more than liberal. The system of Advertising and Sales Co-operation are the very best. We will gladly inform you in detail as to all of the Paint Schemes.

Prices of Wetherill's ATLAS Prepared Paint are as follows:



	Ordinary Shades and Outside White.	I. W.	High Colors.	China Gloss.
1 Gal pe	r Gal \$2.25	\$2.40	\$2.50	\$2.50
½ Gal pe		2.45	2,55	2.55
¼ Gal pe	r Gal 2.40	2.55	2.65	2.65
⅓ Gal pe	r Gal 2.50	2.65	2.75	2.75
1-16 Gal pe		2.75	2.85	2.85
5 Gal. packages pe		2.35	2.45	2.45
½ Bbl		2.30	2.40	2.40
Bbls. with Agitator	2.15	2.30	2.40	2.40



### REVERE LIQUID PAINT



Inside White, Outside White and Black.

High colors marked X.



### REVERE LIQUID PAINT

Not to be considered second grade, but a good sound reliable Paint that is the equal of many sold as the highest grade.

It is especially adapted for use where a good Paint is needed at a moderate figure.

We can refer you to merchants that have handled this line for twenty years without a complaint.

### Prices on REVERE LIQUID PAINTS are as follows:



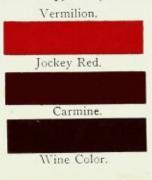
	Ordinary Shades and Outside White.	I. W.	High Colors.
1 Gal	per Gal\$1.80	\$1.90	\$2.00
½ Gal	per Gal 1.85	1.95	2.05
¼ Gal	. per Gal 1.95	2.05	2.15
1/8 Gal	per Gal 2.05	2.15	2.25
1-16 Gal	. per Gal 2.15	2.25	2.35
5 Gal. Pkgs	per Gal 1.75	1.85	1.95
½ Bbl	per Gal 1.70	1.80	1.90
Bbls.,with agitator	per Gal 1.70	1.80	1.90

### Atlas Ready-Mixed Automobile and Carriage Paint

Especially prepared for painting Carriages and Automobiles. An Ideal Paint that will dry with a hard permanent gloss in a few hours and can be applied by the most inexperienced person.



X ...





.40

			Ordina	rv Colors.	High Colors. Vermilion & Carmine.
	Co1	ner Can			\$3.75
1/	Cal	per Can		1.40	1.95
1/2	Gal	per Can		.75	1.00
1/4	Gal	per Can		.45	.60
700				20	10

Also Black

### Wetherill's Automobile and Carriage Top Dressing

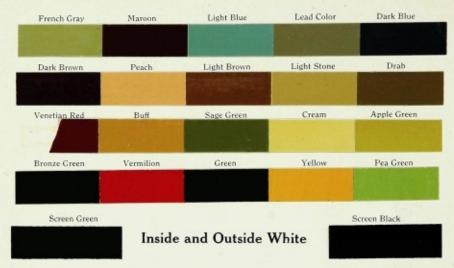
For renewing the finish of leather and rubber tops, dashboards, satchels and leather goods of every description.

### List Prices

1/2	Pints	per	Doz					,							 \$4.00
	Pints	per	Doz												 6.00
			T.	vo T	102	en	ir	1 3	3	C	256				



### TWENTIETH CENTURY HOUSEHOLD PAINT



### Advance Ready Mixed Paint



Also, Inside and Outside White and Black.

High colors marked X.

### Atlas Metallic Ready Mixed Paint







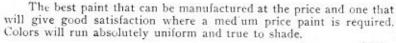
### TWENTIETH CENTURY HOUSEHOLD PAINT

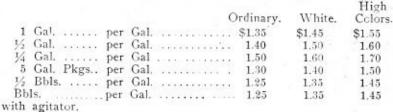
A thoroughly reliable paint, made especially for use in the household. It is put up in twenty handsome shades, especially adapted for home use. Also Inside and Outside White, Screen Black and Screen Green.

It can be relied on to dry quickly, with a hard, durable finish that will withstand repeated washing with soap and water without losing its gloss.

Put up	o in ha	andy (	one-half	pint	packages.		
Price					***************	each,	10c

### Advance Ready Mixed Paint







### Wetherill's Atlas Metallic Ready Mixed Paint

Contains the best pigments only, finely ground and thoroughly incorporated with Linseed Oil.

Absolutely reliable, it is especially adapted for use on Bridges, Freight Cars, Barns, Sheds, Fences, Roofs, Smoke Stacks, all kinds of Structural iron Work and outside painting generally.

One gallon will cover 500 to 600 square feet; one coat.



### Seven Attractive Colors

Bbls. of 50 Gal. and $\frac{1}{2}$ Bbls. of 25 Gal	per	Gal.	\$1.35
Kegs of 5 and 10 Gallons	per	Gal.	1.40
One Gallon Cans	per	Gal.	1.45
½ Gallon Cans	per	Gal.	1.50

### WETHERILL'S GLOSS WAGON PAINT

A perfect paint for heavy wagons, agricultural implements, etc. Will make your old wagon last longer and look like new. Dries with a high gloss that will stand all kinds of weather.

Yellow.	Bright Red.	Blue.	Black.	Green	Maroon
				,	,
I Gal	per Ga	al,	\$2.00		7
½ Gal	per Ga	d	2.05		
	per Ga				The same of the sa
1/8 Gal	per Ga	d	2.25	1000	
1-16 Gal	per Ga	il,	2.35	CON A	N/ON

### WETHERILL'S SUPERFINE COLORS



Ground in Pure Linseed Oil, Unsurpassed for strength, fineness, richness and purity of tone.

Quotations given are for 1, 2 and five th, cans. For 25 th, cans deduct 1c., and for 12 1-2 th, cans 1-2c. per th, less.

NET WEIGHT.

Browns	
Per	Lb.
Burnt and Raw Turkey Umber	20
Burnt and Raw Italian Sienna	21
Vandyke Brown	20
Metallic Brown	9
Blacks	
Refined Lamp Black	30
Coach Black	23
Ivory Black	25
Drop Black	23
Marine Black	16
Blues	
Prussian Blue	60
No. 1 Prussian Blue	40
Ultramarine Blue	32
Chinese Blue	62
Cobalt Blue	55-
Greens	
Florence Green, L. M., and D	19
Chrome Green, L., M., and D.,	20
No. 1 Chrome Green, L., M. and D	1.7
Blind and Shutter Green, L., M., and D.	19
Imperial Green, L. M. and D	19
Bronze Green, L., M. and D	22
No. 1 Bronze Green, L., M. and D.	16
Paris Green	40
French Verdigris	42

#### Reds

English Vermilion, L. and D	
American Vermilion, L. and D	27
English Tuscan Red, L. and D	27
Indian Red	22
No. 1 Indian Red	17
Venetian Red	15
No. 1 Venetian Red	11
Permanent Red	60
Flat Brick Red, L., M. and D	15
Red Oxide	12
Rose Pink	30
Yellows	
Chrome Yellow, L. M. and D	30
No. 1 Chrome Yellow, L., M. and D	22
French Yellow Ochre	15
XX French Yellow Ochre	13
No. 1 Yellow Ochre	10
Golden Ochre	15
Eng. Oxford Ochre	15

### WETHERILL'S SUPERFINE GRAINING COLORS

Light O:	nk		á	i.						4			Ę	Ċ.	8		8	G	Œ	d	ĕ	8		1	
Dark Os	k				_						Ĺ	Ī								i			2	9	Ĭ
Antique	0	ak					,			ļ												į	i	0	ğ
Walnut						-			2	-								í	ì	į		i	į	8	è
Chestnut																ŝ	į	0	į	Ī		1			
Mahogan	у		 								_		J			9	ì	9						ij	
Ash										ì					Š									ß	Ô
Cherry .								+				ì	· ·	4											

### WETHERILL'S "1807" PERMANENT BRONZE GREEN



Light, Medium, Dark

12½ and 25 lb. cans .....per lb., \$ .11

### EASTLAKE COLORS IN OIL



A line of colors ground to meet the competition of the cheap paint house. Quotations given are for 1, 2 and 5 lb. cans. For 25 lb. cans deduct 1c., and for 12½ lb. cans ½c per lb. NET WEIGHT.

### Browns

Diowns	100
Per Per	Lb.
Burnt and Raw Turkey Umber	14
Burnt and Raw Italian Sienna	16
Vandyke Brown	15
Metallic Brown	7
Blacks	
Drop Black	15
Lamp Black	20
Black Paint	9
Blues	
Prussian Blue	33
Ultramarine Blue	18
Greens	-
Chrome Green, L., M. and D	14
Bronze Green, L., M. and D	14
	14
Reds	
American Vermilion	19
Tuscan Red	19
Indian Red	16
Venetian Red	12
Yellows	
Chrome Yellow, L. M. and D	1/2
French Yellow Ochre	19
Priming Ochre	12
	7
MICCELL ANDOUG COLORS IN	

### MISCELLANEOUS COLORS IN OIL

Ochre,	Venetian Red.	Metallic Brown.
Atlas9e	8e	8c
Standard61/2c	6e	6e
Extra	5360	5160



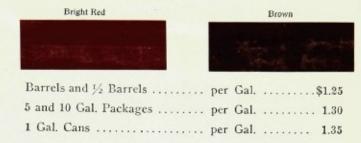






### REVERE BARN PAINT

For Outbuildings, Barns, Freight Cars, Bridges, Etc.



### Oxide Ready Mixed Paint

Br. Green	Drab	Brown	Slate	Red	Yellow
For Barn	s, Roofs, I	Bridges, Iro	n Work, et	c.	
Barrels	and 1/2 Ba	arrels	per C	al	.\$1.10
		Packages			

### Wetherill's Graphite Paint

Best Quality Obtainable.

Especially adapted for Metal Surfaces.

Natural Color, Olive Green, Red and Black.

Ready	Barre 5 and	ls at	nd ½ Gallon	Pa	cka	ge	 	. per	r G	al al	 1.75
Paste	Form	-									
	100	lb.	Kegs.				 		per	lb	 15c.
										lb	
	121/2	Ib.	Cans				 	[	er	1b	 17c.

### Revere Floor and Deck Paint

Made to withstand the hardest wear either inside or outside. Dries in a few hours, with a High Gloss and Hard Surface.

½ Gal.	Cans	per (	Gal	1.80
1/4 Gal.	Cans	per (	Gal	1.90
Light Stone	Dust Color	Light Lead	Slate	Green Støne
	and the same of			100
Light Yellow	Dark Yellow	Light Brown	Red	Walnut
Colonia Property				



.75

.40

.25

.15

Flat White



### ATLASLAC

Especially prepared for Floors, Furniture or wherever a High-Grade Stain and Varnish finish is rerequired.

Made from the best grade of Floor Varnish.

Does not mar white or scratch.

It Stains and Varnishes with One Application.

Brt. Red Mahogany Wal	
Brt. Red Mahogany Wal	
Brt. Red Mahogany Wal	
	nut Green

1/2 Gal. ..... per Can ..... 

Gloss White

3/8 Gal. ..... per Can .....

	CC .	3		À
Coo Coo	STLA	W V	ARTISH	)
A SA	O. C.	11000		

### Eastlake Varnish Stain

A handy household reviver. Dries with a high Gloss.

> .33 .20 .12

Ground Color	Ash
Light Oak	Oriental Green
Cherry	Mahogany
Dark Oak	Walnut
Rosewood	Black

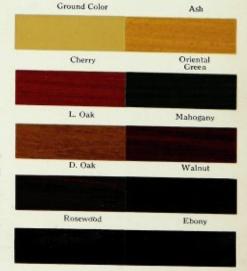
1-32	Gal.			per per	Can
		cce	-5	55	<b>A</b>
			1/1		4
	16	- ज्यमी गिर्मि	T.		
	0	2 Trues	Conc	De	
			Jones		i

### Eastlake Oil Stain

Used where the High Gloss is not desired. Brings out the rich tone of the natural wood.

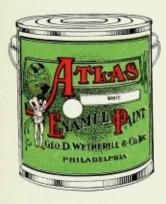
1	Gal.	00.870			, ,			per	Can							\$2.00
1/2	Gal.			1	4.4			per	Can					- 3		1.05
1/4	Gal.					130		per	Can							.60
1/8	Gal.							per	Can			0.00				.33
1-16	Gal.	0.						per	Can	,						.20
1-32	Gal.							per	Can			 			-	.12

1 Gal. . . . . . . . . . per Can . . . . . . . . \$2.00 1/2 Gal. . . . . . . . per Can . . . . . . . 1.05 1/8 Gal. ..... per Can ......













### WETHERILL'S DIAMOND ENAMEL

A High Gloss, Quick Drying Interior Enamel. Easily applied. Flows Freely under Brush.

Fourteen Beautiful Shades and White.

Ivory	Straw	Yellow	Silver Gray	Pale Blue	Sky Blue	Shell Pink
Sea Green	Green Stone	Green	Lavender	Lt. Brown	Vermilion	Carmine
½ Ga	l per l per l, per	Can	1.10	1-16 Gal	per Ca	an \$ .35 an20 an12

### Atlas Enamel

An Enamel that will give satisfaction where a High Gloss Brilliant White is desired. Tints same as Diamond Enamel above.

1	Gal.	 	 	+ + -	per	Can				 	\$2.50
											1.30
											.70
											.40
1-16	Gal.	 	 		per	Can	 +				 .25
1-32	Gal.	 	 		per	Can			 1		 .15

### Atlas Enamel Undercoat

Very much more satisfactory than Lead or Zinc in Oil for the Undercoat for Enamel.

5	Gal.	Packages	per	Gal	\$2.00
				Gal	
1/2	Gal.	Cans	per	Gal	2.20

### Atlas Bath Enamel

 Made to withstand hard usage and hot water. White.

 1 Gal.
 per Can
 \$3.00

 ½ Gal.
 per Can
 1.60

 ¼ Gal.
 per Can
 .85

 ¼ Gal.
 per Can
 .45

 1-16 Gal.
 per Can
 .30

 1-32 Gal.
 per Can
 .20

### Wetherill's Atlas Chair Paint

For the finishing of Porch Chairs, Lawn Swings and other furniture where a High Gloss and Color is desired.

	Yellow	Vermilion	Carmine	Green
			100	
ì	Blue	Dark Green	Black	Wine Color
1 1/2	Gal per Gal per	Can \$2.75 Can 1.40 1-16 Gal pe	1/8 Gal p	per Can \$ .75 per Can ,45



### REFLECTOFLAT

The perfect wall finish for interior decorations which will not rub or dust off. Dries perfectly flat in a few hours and is absolutely sanitary and germ proof.

Recommended by all physicians as the most hygienic wall covering.

When soiled can be washed with soap and water without injury to paint.

Made in all popular Shades and White. Send for our handsome Color Card showing Color Schemes and Combinations.



### Calcite Cold Water Paint, or Calsomine, Exclusively for Inside Work

White and 18 Desirable Tints.



Barrels ...... per lb. 9c. 5 lb. Packages, 100 lbs. in a case ..... per lb., 10c.



### SHELLAC

Our Shellac noted as Pure is without Rosin or Residue of Glue Dust.	All Shellac cut in Denatured
Put up in attractive glass bottles or tin cans.	

are are are a grade	potenes of till	Carrie.				
Capacity 1 Gal.	1/2 Gal.	Quart	Pint	1/2 Pint	1/4 Pint	1/4 Pint
Pure Orange, per can \$2.50	\$1.35	\$ .70	\$ .40	\$ .25	\$ .18	\$ .10
Pure White, per can 3.00	1.60	.85	.50	.30	.20	.12



### Westminster Liquid Filler

For Hard and Soft Wood, Requires no Rubbing. Light Cherry, Walnut, Mahogany and Rosewood. 1 Gal. Cans . . . . . . per Gal. . . . \$1.50

### Luray Liquid Filler

For Hard and Soft Wood. Light Shade Only.

1 Gal.	Cans	 per	Gal.	*****	\$1.00
1/2 "	44	 **	66	******	1.10



### STERLING PUTTY

A pure whiting and linseed oil putty.

Barrels and 1/2 barrels	50 Cans
118 lb. Tubs	25 lb. Cans
100 lb. Drums	12½ lb. Cans
	in and Dalaman and Continu

1, 2, and 5 lb. cans 100 1 lbs. in case. Prices on application.

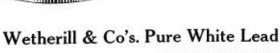




### Stove Pipe Enamel

Brilliant enamel for renewing the finish on stove pipes, heating drums grates, gas ranges, fenders, etc. Imparts a durable and brilliant finish that will withstand extreme heat. Anybody can apply it. Packed in ½ pint cans. 1 doz. in a box. A brush with each can.

½ Pints, per doz. ...... \$2.25



Absolutely pure OLD DUTCH PROCESS WHITE LEAD carrying a guarantee of purity to the amount of \$1,000 on every package.

Barrels and ½ bbls., 100 lb. steel kegs, 12½ lb. steel kegs. Price on application.





### Crescent White—formerly Crescent White Lead

Having extreme whiteness, great covering capacity and unsurpassed durability.

A practical lead for particular painters; net weight bbls. and ½ bbls., 100 lb. steel kegs, 50 and 25 lb. steel kegs, 12½ lb. steel kegs. Price on application.

Commercial White Lead in 1, 2 and 5 pound cans, 100 in a case, 10 cents per pound.





### VARNISHES

Cleveland varnishes. For architectural and general purpose use. In the assortment will be found varnishes suitable for every class of regular work from the finest exterior or interior finishes down to the small package goods for household use. The Permanere finishes, in fact all the Cleveland varnishes are well and favorably known throughout this section. Not new or experimental grades but, on the contrary, have been on the market for more than a quarter of a century during which they have proven their right to occupy first rank.

For free-working and easy-rubbing qualities, they stand without a peer, while they excel in extreme paleness and transparency. In addition their deep, rich, full lustre and above all their long wearing qualities commend them for every practical purpose of the painter and decorator.

We give on this and the following pages a brief description of each grade, together with the prices on the several size packages in each that are regularly carried in stock. These are all regarded as staple by the trade. In addition we are prepared to meet the requirements of the manufacturing trades and of others whose methods and facilities necessitate the use of Varnishes, Baking Japans or Drying Japans of special adaptability for their business.

### PERMANERE EXTERIOR FINISH

The most durable wood and metal preservative manufactured. Prepared specially for finishing exteriors, doors, vestibules, window sills and all exposed work; equally good for use over grained or painted surfaces and canvas. Light in color, transparent and has a brilliant and lasting lustre. Sets dust free in from six to eight hours and hardens next day.

### PERMANERE INTERIOR FINISH

An interior finish of the highest possible quality; made specially for application on interiors, new or old. Excellent for stores, hospitals, laundries, institutions, etc. Protects and beautifies both wood and metal; light in color, elastic and durable. Has an excellent lustre; can be washed without injury. Works easily under the brush; dries dust free in from four to six hours; can be rubbed in forty-eight hours and polished the third day.

### PERMANERE FLOOR FINISH

The highest quality floor finish manufactured. Remarkable for its extreme durability; gives long life to linoleum. Has a brilliant gloss, can be washed without injury and does not spot from contact with mud or water. Retains its lustre under constant exposure to severe wear, and is so elastic that it yields readily under the heel or under pressure of heavy furniture without breaking. Dries dust free in from four to six hours; hardens quickly and thoroughly. Can be rubbed or polished or left in the gloss, as desired.

### CLEVELAND FLEXIBLE FLOOR VARNISH

A tough, elastic varnish for floors; possesses specially quick-drying and easy-working qualities. Very durable; does not crack under pressure of the heel or mar white. Dries dust free in from four to five hours; hardens well in eighteen hours.

Capacity, gallons 1 1/2 1/4 1/8 Per can \$2.75 \$1.45 \$0.80 \$0.45



### VARNISHES

#### CLEVELAND INTERIOR SPAR VARNISH

A waterproof, general utility varnish suitable for almost every purpose. Withstands the action of ammonia fumes, and is recommended for finishing toilets, bathrooms, stables, etc., either in the natural or over painted or grained surfaces. Has a fine lustre, very elastic, wears well. Will not spot white and can be washed without injury. Works freely under the brush; dries free from dust in four to six hours; hardens in twenty-four hours.

Capacity, gallons	5	1	1/2	1/4
Per can	\$10.50	\$2.20	\$1.20	\$0.65

#### CLEVELAND NO. 1 COACH VARNISH

A varnish that no Master Painter can afford to be without. Can be used in emergency cases for almost any purpose. Wears well, is elastic and will not crack or water spot. Has been used successfully for outside work. Mixes readily with colors; medium light in color; medium heavy in body. Dries dust free in from four to six hours; hardens in from eighteen to twenty hours.

Capacity, gallons	1	1/2	1/4
Per can	\$2.20	\$1.20	\$0.65

#### CLEVELAND SPECIAL INTERIOR COACH VARNISH

A gloss varnish, for interior finishing, exceptionally economical, yields uniformly satisfactory results. A quick, useful and popular grade. Dries dust free in from three to four hours; hardens in from sixteen to eighteen hours.

Capacity, gallons	5	1	1/2	1/4
Per can	\$9.50	\$2.00	\$1.10	\$0.60

#### CLEVELAND EXTRA WHITE DAMAR VARNISH

A varnish, pale, transparent and heavy in body, made from Damar gum. Mixes freely with white pigment. Will not discolor delicate shades. Dries hard in from ten to twelve hours.

Capacity, gallons	1	1/2	1/4
Per can	\$2.50	\$1.35	\$0.70

#### CLEVELAND SPECIAL FURNITURE VARNISH

A gloss varnish for furniture and general interior work. Medium light in color, has good lustre and works easily under the brush. Dries dust free in a few hours and hardens in about fifteen hours.

Capacity, gallons	1	1/2	1/4
Per can	\$1.40	\$0.80	\$0.45

#### CLEVELAND SPECIAL HARD OIL FINISH

An inexpensive but good grade of Hard Oil Finish, made specially for house interiors. Has given full satisfaction to many users for many years. Medium pale in color, possesses good lustre; can be rubbed to a dull or egg-shell finish if desired. Works easily under the brush; dries dust free in from three to four hours; hardens quickly.

Capacity, gallons	5	1	1/2	1/4	1/8
Per can	\$7.75	\$1.65	\$0.90	\$0.50	\$0.30

#### CLEVELAND LIQUID FILLER

The most economical of all pigment wood fillers manufactured; particularly suitable for quick and medium-class work. Medium light in color, of good quality and yields good results. Works easily under the brush; dries hard; can be sanded freely in from ten to twelve hours.

Capacity, gallons	1	1/2	1/4
Cupacity, gamens	61 OF	\$0.75	00.40
Per can	\$1.25	\$0.75	\$0.40

STERUNG BRAND FOR QUALITY STANDS"



# **VARNISHES**

### CLEVELAND TURPENTINE JAPAN DRIER

A useful dryer in considerable demand. Mixes perfectly with raw linseed oil, and well adapted for use in connection with all grades of paint except those of the most delicate color. Very elastic; an exceptionally good binder; strong in drying qualities.

			- /	-/
Capacity, gallons	1	1/2	1/4	1/8
Capacity, ganons	\$1.50	\$0.85	\$0.50	\$0.30
Per can	\$1.00	φυ.ου	Φ0.00	φυ.συ

### CLEVELAND DRYING JAPAN, NO. 33

An exceptionally low-priced grade, decidedly strong in drying qualities. Has medium body; mixes freely with linseed oil; does not curdle paint,

Capacity, gallons	5	1	1/2	1/4	1/8
Capacity, gamens	\$4.50	\$1.00	\$0.60	\$0.35	\$0.20
Per can	\$4.50	Ф1.00	φυ.συ	φυ.οο	φυ.20

#### CLEVELAND ASPHALTUM VARNISH

A good, durable grade, fairly heavy in body. Produces a brilliant, black, lasting finish. Dries free from dust very quickly and hardens with good toughness in from four to six hours.

Capacity, gallons	1 \$1.10	\$0.65	\$0.40
I CI Can		4 - 1	****

#### CLEVELAND NO. 1 BRONZING LIQUID

Made expressly for carrying metal powders such as bronze, silver, aluminum, etc. Mixes with and holds the mineral powder in suspension. Not affected by heat or cold. Prevents to a large extent the mineral from tarnishing after being applied to radiators, etc.

Capacity, gallons	1	1/2	1/4
Per can	\$1.40	\$0.80	\$0.45

#### ARROWHEAD NO. 1 COACH VARNISH

A general purpose household varnish. Suitable for use over either grained or painted surfaces. Mixes readily with colors. Medium in color and body. Put up in round friction top cans—very convenient for the user.

Capacity	1 quart	1 pint	1/2 pint
Per can	\$0.55	\$0.33	\$0.20

#### ARROWHEAD NO. 1 FURNITURE VARNISH

A general utility varnish. Particularly suitable for household renovation. Medium clear and transparent with a good lustre. Spreads easily and does not show the marks of the brush. Dries in a few hours. Put up in round friction-top cans—just the thing for the use of the household.

Capacity	1 quart	1 pint	1/2 pint
Per can	\$0.40	\$0.26	1/2 pint \$0.17

### ARROWHEAD NO. 1 ASPHALTUM VARNISH

A black, heavy asphaltum that works freely under the brush and dries very quickly. In round friction top cans to fill the demand for such a piece of goods wanted in small packages.

0 1		- O number in him	in packages.
Per can		1 pint	1/2 pint
	φυ.οο	\$0.22	\$.14

### LINGERWETT PAINT AND VARNISH REMOVER

For removing paint or varnish from iron, metal, wood, glass or any surface. Will be found to work equally well on upright, overhead or flat surfaces. Does not raise the grain or discolor the most delicate woods and leaves the surface in perfect condition for re-finishing. It is quick, safe and far more economical than the old method of torch-burning. Wherever tried has always given satisfaction.

Capacity Per can		½ gal.	1 qt.	1 pt.	1/2 pt.
+ CI Call	\$2.50	\$1.35	\$0.70	\$0.40	\$0.25



# GOLD AND ALUMINUM PAINT







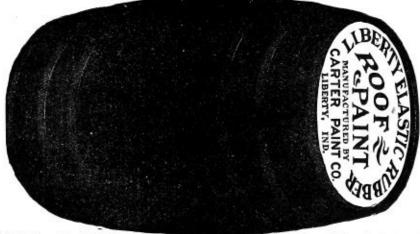


KLONDIKE GOLD PAINT.					KLONDIKE ALUMINUM PAINT.					
Nos	25	40	60	110	Nos	15	30	50	75	
Pints		1/4	1/2	1	Pints	1/8	1/4	1/2	1	
Per dozen			8.00	15.00	Per dozen		4-00	7.00	10.00	
Klondike Gol	d and	Aluminum	paints are	put up in	combination screw top	and frictio	n top cans.	Upper	compart-	

Klondike Gold and Aluminum paints are put up in combination screw top and friction top cans. Upper compartment contains exact proportion of powder necessary for amount of liquid in lower compartment. Mix as required and satisfactory results will follow.

One dozen in a box.

### LIBERTY ROOF PAINT



Liberty Elastic Rubber Roof Paint. Protects all shingle, felt, rubber or metal roofs; tanks, boilers and fences; iron and steel work in general. Contains decomposed cedar wood which gives it elastic quality. Sets quickly but dries slowly with a jet black glossy finish. One gallon covers from 250 to 400 square feet of metal and from 150 to 250 square feet of composition roofing.

1 gallon cans. Six in a case ....... Per gallon \$ .90 5 gallon cans. Three in a case ...... 80

Half Barrels. Containing about 25 gal. Per gallon \$ .70 Barrels. Containing about 50 gallons ".60

### LINSEED OIL



No pigment, however pure and good in itself, can, by its own merit, make durable paint unless the liquid is pure linseed oil. Pure linseed oil is the life of paint. Thompson's genuine old process Linseed Oil is manufactured by the old process of steam heat and hydraulic pressure from the best No.1 flaxseed and guaranteed pure.

## FLOOR DRESSING



Standard Floor Dressing. For use on floors of public buildings, store rooms, etc.

"STERUNG BRAND FOR QUALITY STANDS"

### WALL BRUSHES



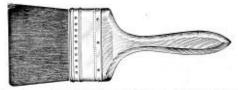
Crow. Black Chinese bristles. Imitation Rosewood

handles. Metal bands.	Good	quarity.		
Width, inches	21/2	3	31/2	4
Length Hair, inches		21/4	23/8	2%
Per dozen	\$ 3.00	3.50	4.00	5.00



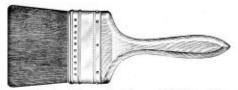
Congo. Black Chinese bristles. Imitation Rosewood handles. Nickel bands. A well made brush, will do good work for ordinary use.

Width, inches	21/2	3	31/2	4
Length Hair, inches	21/4	21/2	23/4	3
Per dozen	\$ 4.00	5.50	7.00	9.00



Champion. Black Chinese Bristles. Polished Natural Whitewood handles. Nickel bands. A special brush of medium length, popular in price.

31/2 inches wide. Length of hair 3 inches. Per dozen \$ 8.00



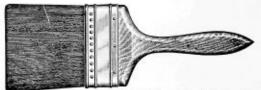
Colon. Black Chinese bristles. Imitation Rosewood handles. Nickel bands. Very full. For painting and varnishing broad surfaces and makes a good medium price filler brush

milet brush.					
Width, ins	21/2	3 31/2	4	41/2	5
Length Hair, ins. 2		% 3	31/4	31/2	33/4
Per dozen \$ 5	.00 6	50 9.00	11.00	13.00	17.00



Crown. Black Chinese bristles of best quality. Polished yellow handles. Extra wide and deep nickel bands. In constructing this brush, the bristles are inserted much deeper into the ferrule, thereby giving a longer hold. Made with full center, very elastic with soft flag ends. Expressly designed for filling wood floors, furniture, carriage and car work.

ringe and ear noise					
Width, inches	21/2	3	31/2	4	41/2
Length Hair, inches	21/2	23/4	3	31/4	31/2
Per dozen	\$ 5.50	8.00	10.00	12.00	15.00



Columbia. Selected Black Chinese bristles. Imitation Rosewood Handles. Nickel bands. A good quality brush made specially for practical painters' use.

brush made specially for practical painters	unc.
At Italian Income it it is it	1/2 4
	4
Per dozen \$ 14.0	0 17.00



Crusader. Pure Black Chinese Hong Kong bristles. Imitation Rosewood handles. Nickel bands. Extra long and elastic. A first class practical painters brush in every respect.

Width, inches	4
Length Hair, inches 4	41/4
Per dozen \$ 18.00	24.00



Cruset. All Black Chinese bristles of good length. Polished yellow handles. Nickel band. Set in vulcanized rubber and guaranteed not to come out. Can be used in anything and is made to meet the requirements of practical painters. Each brush packed in handsome box as illustrated below.



Cruset. All Black Chinese bristles of extra length. Polished yellow handles. Nickel bands. Made for practical painters' use. Set in vulcanized rubber—bristles cannot come out. Each brush packed in handsome box as illustrated below.

No. 40 .- 4 in. wide. Length of hair, 41/2 in. Per doz. \$ 21.00



Cruset Flat Wall Brushes. Bristles set in vulcanized rubber and in such a way that they are not burned and will not break off or come out. Each brush packed in a handsome dust-proof box as illustrated. Fully guaranteed in every respect.

All above, one-half dozen in a box. Length of hair means clear of band.

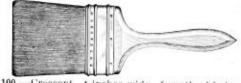


### BRUSHES

#### CRESCENT WALL



No. 75.—Crescent. 4 inches wide. Length of hair 3¼ inches. Each in box ...... Per dozen \$ 9.00



No. 100.—Crescent. 4 inches wide. Length of hair 3% inches. Each in box......Per dozen \$ 14.00



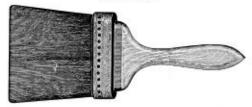
No. 125.—Crescent. 4 inches wide. Length of hair 4½ inches. Each in box.....Per dozen \$ 18.00



Illustrates box in which each Crescent wall brush is packed. Makes a handsome display, is dust-proof and keeps the brush in perfect shape.

Crescent Wall Brushes. All Pure Black Chinese bristles. Polished yellow handles. Nickel bands. Every brush fully guaranteed. Put up in attractive form. Each brush in a neat box, nicely labeled. One-half dozen in a carton.

#### STUCCO



Cairo. Extra quality Black Chinese bristles. Yellow handles, Black stripe. Leather bound. Prepared with special care and fully guaranteed.

opecial care and raily guaranteed.		
Width, inches	31/2	4
Length Hair, inches	4	41/4
Per dozen \$	17.00	21.00

#### OVAL VARNISH OR PAINT



Spred-wel. Oval varnish or paint. Each brush in handsome box as illustrated.

No.	250.—13/4	in.	wide.	Length	of	hair	21/4	in.	Doz.	8	4.50
NO.	430.—21/4	III.	wide.	Length	of	hair	2	in	44	*	8.00
NO.	80023%	in.	wide.	Length	of	hair	21/	in	46		14.00
No.	1000.—2%	in.	wide.	Length	of	hair	33/4	in.			18.00



Creole. Superior quality Black Chinese bristles. Polished yellow handles. Leather bound. Specially prepared to fill the requirements of painters and decorators. Width, inches ...  $3\frac{1}{2}$  4 Length Hair, inches ...  $4\frac{1}{2}$  4 $\frac{3}{4}$  Per dozen ... \$24.00 30.00



Spred-wel. Selected Black Chinese bristles. Chiseled. Straight flat polished yellow handles. Nickeled ferrules. Fully guaranteed. Can be used in paint, varnish, stain, paste, enamel, glue, or shellac. A flat and oval brush in one. Each in handsome individual box as illustrated.

China OK. Selected Black Chinese Hong Kong bristles. Imitation Rosewood handles. Leather bound. Most durable and elastic. Full length and weight. Will put on more square feet of paint than the best white bristle brush made and is the most popular Stucco on the market.

Width, inches	31/2	4
Length Hair, inches	41/2	43/4
Per dozen \$	30.00	36.00

#### OVAL CHISELED PAINT



Red Star. Black Chinese bristles of extra length, very heavy and full. Chiseled. Beavertail handles. Nickeled ferrules and nickeled detachable bridles. Made specially for inside painting and heavy varnishing.

No. 8.—Length of hair 41/4 inches.....Per dozen \$ 30.00 No. 10.—Length of hair 41/2 inches..... " 33.00

All above, one-half dozen in a box. Length of hair means clear of band.

### FLAT VARNISH BRUSHES



Alpha. Black Chinese bristles. Square points. Plain handles. Tinned bands. Single thick.

menures. Timed bunds.	Ding	ac cure			
Width, inches	1	11/2	2	$2^{1/2}$	3
Length Hair, inches	11/2	13/4	1%	2	2
Per dozen	.80	1.00	1.30	1.60	2.00



Acme. Black Chinese bristles. Chiseled. Black enameled handles. Metal bands. A general favorite for household use.

Width, inches	1	11/2	2	21/2	3
Length Hair, inches	15%	13/4	17/9	2	2
Per dozen	1.00	1.50	2.00	2.50	3.00



Anchor. Black Chinese bristles. Chiseled. Orange yellow handles. Metal bands. Popular in style and price, Width, inches ...... 11/2 2 21/2 1 3 Length, Hair, inches.. 1% 1.80 17/ 9 9 9 Per dozen ..... \$ 1.20 2.40 3.00 3.50



Apex. Black Chinese bristles. Chiseled. Yellow handles. Metal bands. A favorite with all classes of trade.

Width, inches	1	11/2	2	21/2	3
Length Hair, inches	13/4	17/8	2	2	2
Per dozen	\$ 1.40	2.00	2-70	3.30	4.00



Asia. Black Chinese bristles. Chiseled. Polished yellow handles. Nickel bands. Extra thick and good value.

Width, inches	1	11/2	2	21/2	3
Length Hair, inches	13/4	1%	2	2	2
Per dozen \$	1.50	2.30	3.00	4.00	4.50



Amazon. Strictly pure Black Chinese bristles. Chiseled. Polished cherry handles. Nickel bands. Extra good value.

Width, inches Length Hair, inches	13/4	$\frac{11/2}{17/8}$	2	2½ 2	21/8
Per dozen 8		2.50	3.50	4.50	5.50



Alpine. Strictly pure Black Chinese bristles. Chiseled. Polished yellow pointed handles. Nickel bands. A double thick brush, handsome and finely finished. Practical for all general work.

Width, inches		11/2	2	21/2	3
Length Hair, inches		2	21/4	21/2	23/4
Per dozen	\$ 2.50	3.50	4.50	6.50	8.00
All above.	one dos	zen in a	box		



Apollo. Specially selected Black Chinese bristles. Chiseled. Polished yellow handles. Nickel bands. Double thick. Fine brush and very elastic.

Width, inches	1	11/2	2	21/2	3
Length Hair, inches	13/4	2	21/4	$2^{1/2}$	23/4
Per dozen \$	2.80	4.00	5.00	7.00	9.00



Atlantic. Extra selected Black Chinese Bristles. Chiseled, Polished red handles. Nickel bands. A heavy thick and long brush of quality that will suit the most particular painter.

Width, inches	1	11/2	2	21/2	3
Length Hair, inches	17/8	21/8	23/8	25/8	27/8
Per dozen §	3.00	4.00	6.00	9.00	12.00



Atlas XXX. Specially selected Black Chinese bristles. Chiseled. Fancy polished yellow handles. Nickel bands. Triple thick, This brush represents the best type of a flat varnish brush and is a very practical painters' tool for all around work.

Width, inches	1	11/2	2	$2\frac{1}{2}$	3
Length Hair, inches	2	$2^{1/4}$	21/2	23/4	3
Per dozen	\$ 3.50	5-00	7.00	10.00	13.00

All above, one dozen in a box,



Anchorset. Black Chinese bristles, extra long and very full. Chiseled. Polished Cherry handles. Can be used in paint or varnish. Set in vulcanized rubber.

Width, inches	11/2	2	21/2	3
Length Hair, inches	23/8	25/8	2%	31/8
Per dozen	\$ 7.00	9.60	13.00	15.00

One-fourth dozen in a box.



Atlaset. Black Chinese bristles, extra long and very full. Chiseled. Triple thick. Fancy polished Cherry handles. Nickel bands. Made for fine cabinet, car, coach and furniture work. Set in vulcanized rubber.

Width, inches	11/2	2	21/2	3
Length Hair, inches		27/8	3	31/4
Per dozen	\$ 7.50	10.50	16.00	21.00

In the Anchorset and Atlaset brushes we offer the trade a chiseled flat varnish brush with bristles set in vulcanized rubber in such a manner that no bristles are burned, will not break off or come out. All guaranteed.

One-fourth dozen in a box.

Length of hair means clear of band.



### BRUSH ASSORTMENTS



Crow Assortment. Contains 1 dozen flat wall brushes. Black Chinese bristles, metal bound. Assorted as follows:

3—2½-inch. Stained handle. Retails at 15c each.
 3—3- inch. Stained handle. Retails at 25c each.
 3—3½-inch. Stained handle. Retails at 30c each.

3-4- inch. Stained handle. Retails at 40c each.

Put up in attractive counter compartment display case, each division marked with the retail value. All pepular sizes and prices. Every brush a ready seller.

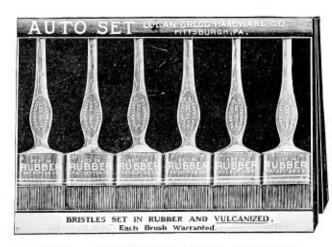


Orion Assortment. Contains 3 dozen flat varnish brushes. Black Chinese bristles, metal bound. Assorted as follows:

6-1- inch Plain polished handle. Retails at 5e each. 12-1½-inch Yellow stained handle. Retails at 10c each. 12-2- inch Yellow stained handle. Double thick. Retails at 20e each.

6.21/3-inch Imitation Cherry handle. Extra fine. Retails at 25c each.

Put up in attractive counter compartment display case, each division marked with the retail value. Includes only the best selling sizes of well made and popular priced goods. Every one a seller.



Autoset. Chiseled varnish brushes. Nickel bands. Polished yellow handles, 2 inches wide. Long black Chinese bristles of extra good quality and double thick. A first class brush for ordinary household use. Can be used in paint, varnish, stain, paste, enamel, glue, and shellac—can be used in anything. Being set-in-rubber and vulcanized will not shed bristles. Will be found useful everywhere. Put up in easel display box containing one dozen—6 brushes showing from each side. Makes a handsome display in the show window.



Champion. Oval chiseled varnish brushes. Nickel bands. Polished natural handles. Width of band 15% in. Black Chinese bristles of selected quality, 23% inches long. A serviceable first class oval brush for ordinary use. Can be used in paint, varnish, stain, glue, shellac, paste, enamel—in fact is a general all around brush for use in the home. Put up in attractive easel display box containing one dozen—6 brushes showing from each side. Show up well on the counter or in the case.

#### BRUSHES

#### SASH TOOLS



Ordinary. All white bristles. Wire bound whitewood handles. 6 3 5 Nos. 13/4 Length Hair, in. 176 1½ .70 178 13/4 .60 .80 1.00 1.20 1.50 Per dozen ..... \$



Diamond. Selected Black Chinese bristles. Chiseled. Polished Cherry handles. Nickeled ferrules. A most popular brush

Nos	2	4	6	8	10
Width, inches	5/8	7/8	11/8	13/8	15/8
Length Hair, inches	1 76	13/4	2	21/8	21/4
Per dozen	\$ 1.60	2.40	3.00	4.00	5.50
One	dozen	in a bo	X.		

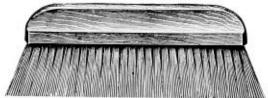
#### LONG HANDLED SASH



Atlas, All Black Chinese bristles. Chiseled. Extra long yellow handles. Metal bands. Made especially for painting where the work requires a long handle. Often times known as a trimming or cutting brush.

Width inches

#### PAPER HANGERS' SMOOTHING





#### ROUND PAINTERS' DUSTERS



H. P. Black bristles outside. Gray imitation bristles uside. Red polished handles.

Nos	66	77
Length Hair, inches	33/4	4
Per dozen	\$ 9.00	12.00
One-half dozen in a box.		



Korea. All Black Russian bristles outside, all Gray Russian bristles in the center. Polished red handles. The best and most satisfactory Duster made.

No. 6.—Length of hair 41/4 inches......Per dozen \$ 18.00 One-half dozen in a box.

#### FLAT PAINTERS' DUSTERS



Ideal. All Black bristles outside, Gray mixed center. Flat natural finished wood handles.

No. 20.—4 inches wide. Length of hair 4 in. Per doz. \$ 9.00 One-half dozen in a box.



Imperial. All Black Chinese bristles of good quality. Flat. Special style round polished handle.

No. 14.—41/4 inches wide. Length of hair 43/8 in.

Per dozen \$ 16.00

One-half dozen in a box.



AA Roof. Gray bristles outside. Oval ferrules. A large, heavy and well made roof brush.

No. 3.—3 knots. Length of hair 31/2 in... Per dozen \$ 16.00

No. 4.—4 knots. Length of hair  $3\frac{1}{2}$  in... One-half dozen in a box.

Length of bair means clear of band.



### BRUSHES

#### MOTTLERS



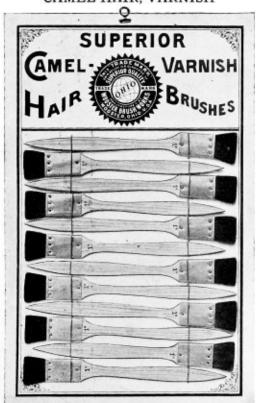
#### COLOR



#### FITCH



#### CAMEL HAIR, VARNISH



#### BRICK LINERS



#### MARKING



Bristle Marking. Round cedar handles. White bristles. Tinned ferrules.

Camel Hair Marking. Round cedar handles. White metal ferrules. Extra quality Camel Hair.

#### CAMEL HAIR, ARTIST



### WHITEWASH BRUSHES



Orion. All bristle, White row outside, with Gray mixed center. Rubber cement set. Varnished and trimned block, natural color, red band. Metal bound. An extremely good general purpose brush which will give satisfactory service in Kalsomine work.

Nos	26	27	28	29
Width, inches	6	7	8	9
Per dozen \$	4.50	6.00	7.50	9.00

The width given is the measurement of the face.

One-half dozen in a box.



Union. White selected stock outside, with Gray center. Three row. Wire drawn on rust-proof wire. Natural finished and varnished block. Metal bound. Guaranteed not to curl in lime. A very full brush with full sized block and extra well made. Used extensively for painting rough surfaces. The best popular priced brush on the market.

Nos 16	17	18	19
Width, inches 6	7	8	9
Per dozen \$ 3.50	4.00	5.00	6.00

The width given is the measurement of the block. One-half dozen in a box.



Marvel. Gray Tula Tampico. Three row. Wire drawn on rust-proof wire. Varnished and natural finished block of neat design. Metal bound. Owing to construction, the stock will not drop out and is guaranteed not to curl in lime.

ceed not to cuit in nine.			
Nos 6	7	8	9
Width, inches 6	7	8	9
Per dozen\$ 3.00	3.50	4.00	5.0

The width given is the measurement of the face. One-half dozen in a box.



Snap. White Tampico stock. Two rows. Hardwood sanded block. Full width. Long stock measuring 31/8 inches out of block. A popular priced brush, well made. Suitable for occasional use,

umond. Black Chinese

Black Diamond. Black Chinese Bristles outside, black mixed center. Varnished yellow and polished blocks. Metal bands. Nos. 36 37 38





 Penn. Black Chinese Bristles, well prepared. Imitation Rosewood blocks. Nickeled bands. Very popular.

 Nos.
 46
 47
 48

 Width, inches
 6
 7
 8

 Per dozen
 \$ 8.00
 10.00
 13.00

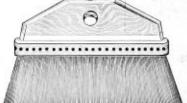


Florence. All white bristles. Natural wood finished block. Nickel bands. An attractive brush. Nos. 57 58 59

 Nos.
 57
 58
 59

 Width, inches
 7
 8
 9

 Per dozen
 \$ 10.00
 13.00
 16.00

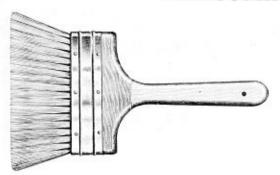




Atlantic. All white bristles. Natural wood blocks.
Brass bound. A good brush for practical mechanics.



### KALSOMINE BRUSHES



Tacoma. Selected first quality fibre, free from coarse stems or butts. Polished hardwood block and handle. Metal bound. Length of stock 3% inches.

No. 070.-7 inches wide. Stock 3% in. long. Per doz. \$ 4.00

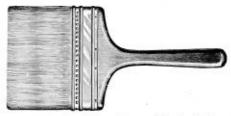
One-half dozen in a box.



Klondike. White fibre outside, gray center. Extra length. Natural finished block and bandle.

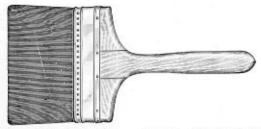
No. 7 .- 7 inches wide. Long stock ..... Per dozen \$ 8.00

One-half dozen in a box.



Koko. White bristle casing, white imitation bristle center. Natural wood finished handles. Metal bands. No. 7.—Width 7 in. Length of stock 4 in. Per doz. \$ 16.00 No. 8.—Width 8 in. Length of stock 4½ in. "21.00

One-half dozen in a box.

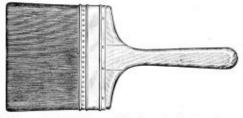


Kito. All Black Chinese bristles. Imitation Rosewood handles. Nickel bands. Medium quality.

No. 7.—Width 7 in. Length of hair 4 in. Per doz. \$ 24.00

No. 8.—Width 8 in. Length of hair 4½ in. " 32.00

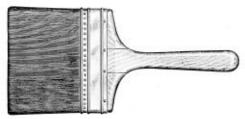
One-half dozen in a box.



Kaffir. Black Chinese bristles. Imitation Rosewood bandles. Nickel Bands. Medium long and full. Made for the practical mechanic.

No. 7.—Width 7 in. Length of hair 4½ in. Per doz. \$ 32.00 No. 8.—Width 8 in. Length of hair 4½ in. "40.00

One-half dozen in a box.



Korea. All Black Chinese bristles. Polished yellow handles. Nickel bands. Extra long and full. For the practical mechanic's use.

No. 7.—Width 7 in. Length of hair 5 in. Per doz. \$ 48.00 No. 8.—Width 8 in. Length of hair 51/4 in. "60.00

One-half dozen in a box.

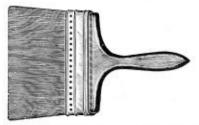


Katka. Yellow Okatka bristles. Natural wood finished handles. Brass bound. Best quality. Long and elastic and thoroughly reliable.

No. 7.—Width 7 in., Length of hair 51/8 in. Per doz. \$ 60.00 No. 8.—Width 8 in., Length of hair 53/8 in. " 72.00

One-fourth dozen in a box.

### PASTE BRUSHES



Excelsior. Gray Russian bristles. Natural finish varnished handle. Brass bound. Made for use of the mechanic.

No. 7 .- Width 7 in. Length of hair 41/4 in. Per doz. \$ 42.00

One-half dozen in a box.

Length of hair or stock means clear of band.

"STERUNG BRAND FOR QUALITY STANDS"

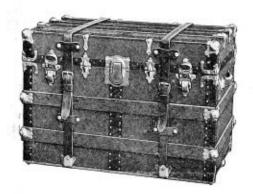






Solid Basswood box, thoroughly put together. Canvas covered and well painted. Bronzed steel knees, bumpers, corners and catches. Steel bottom, strong slats and bound with Japanned steel. Paper lined with full sized deep divided tray with hat box. One compartment cover. A trunk combining good appearance with low price.

Nos	24028	24030	24032	24034	24036
Inches	28	30	32	34	36
Each	\$ 5.25	5.65	6.00	6.75	7.50



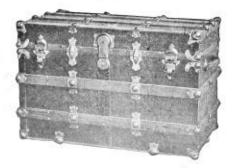
Good solid Basswood box, heavy canvas covered. Well painted and varnished. Steel bound, heavy bronze steel bumpers and trimmings. Extra strong catches, double valance clamps, Excelsior lock, Taylor catches and Hagney bolts. Good strong leather straps. Four selected hardwood slats on top, two all around body. Steel bottom reinforced with bottom slats. Paper lined. One deep top tray divided into hat and shirtwaist compartments, hat box covered with lid. A popular trunk low in price.

Nos	34028	34030	34032	34034	34036
Inches	28	30	32	34	36
Each	\$ 6.25	6.75	7.15	7.50	8.25



Good Basswood frame, canvas covered. Well painted and varnished. Fitted with slat protectors and good strong handles. Heavy steel bottom. High grade lock and catches. Four sets of valance clamps. Neatly lined, Full covered tray with folding lid. A trunk very neat in appearance and one possessing strength and durability.

Nos	30932	30934	30936
Inches	32	34	36
Each		9.00	9.75



Genuine selected Basswood box, covered with black enameled steel. Entire trunk reinforced with slat protectors. Fitted with high grade lock, catches and dowel bolts, as well as four sets of valance clamps. Attractively lined. Deep divided tray with folding lid. A trunk built for service and designed on neat lines.

Nos	10928	10930	10932	10934	10936	10938	10940
Inches	28	30	32	31	33	38	40
Each	8.25	8.60	9.00	9.75	10.50	11-25	12.00







Good strong Basswood box, canvas covered. Oil painted and varnished. Four selected hardwood slats on top, two all around body. Steel bottom reinforced with three heavy bottom slats. Two cowhide straps. The trimmings are of heavy bronzed steel and consist of Excelsior lock, Taylor catches, four sets valance clamps, knees, corner irons and heavy bumpers. Handsomely bound in mottled vulcanized fibre, two center bands. Paper lined in imitation of high priced linen. Deep top tray divided into two compartments fully covered with folding hinged lid.

Nos	190932	190934	190936
Inches	32	34	36
Each	\$ 9.75	10.50	11.25



Solid Basswood box, canvas covered. Oil painted and varnished. Four hardwood slats on top, two all around body. Steel bottom reinforced with three heavy bottom slats. Bound througnout with vulcanized fibre, brown leather color. Bronzed steel trimmings, Excelsior lock, Taylor catches, Hagney bolts on front, knees on top and bottom, four sets valance clamps, corner irons and all slats capped with heavy bumpers. Full cloth lined. Deep top tray divided into two compartments with separate lid for each compartment. Extra skirt or dress tray. French style with narrow slats.

Nos	13332	13334	13336	13338	13340	13342
Inches	32	34	36	38	40	42
Each	\$ 12.00	12.75	13.50	14 25	15-00	15.75



Strong Basswood box covered with heavy canvas. Well painted and varnished. Four slats on top, two all around body. Steel bottom reinforced with three heavy bottom slats. Bound in vulcanized fibre in brown leather color and having two center bands of fibre closely nailed. Two cowhide straps and leather anchor handles. Heavy bronzed steel trimmings hand riveted. Excelsior lock, Taylor catches, Hagney bolts, valance clamps, etc. Full cloth lined. Deep top tray with tipping or swinging top. A magnificient trunk at a medium price.

Nos,	75234	75236	75238
Inches	34	36 ⋅	38
Each	\$ 16.50	17.25	18.00

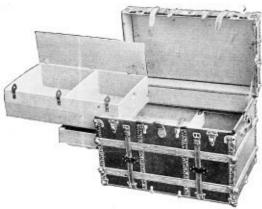


Body of 3-ply Veneer Basswood. Bound throughout in brown colored vulcanized fibre. Principal trimmings hand riveted. Excelsior lock, heavy Taylor catches, Hagney bolts, four sets valance clamps, knees, bumpers and corner irons. Two leather straps and solid leather handles. Full cloth lined and equipped with deep top tray subdivided into two compartments and fitted with toilet tray. Full covered lid, double folding with brass hinges. Also has two meat dress or skirt trays. Lightest and strongest trunk possible to make.

Nos	34 14436	14438	14440	14442
Inches 34	36	38	40	42
Each \$ 21-0	0 21.75	22.50	24.00	24.75



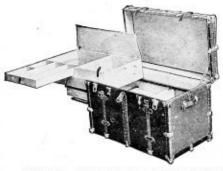
### TRUNKS



#### BUNGALO

Bungalo. Heavy well seasoned Basswood box, canvas covered. Oil painted and varnished. Four selected hardwood slats on top, two slats around body. Steel bottom reinforced with three heavy bottom slats. Mottled vulcanized fibre bound. Two heavy sole leather straps. Brass Excelsior lock, all trimmings of heavy bronzed steel, Taylor bolts, knees on top and bottom, valance clamps, Hagney bolts, etc. Fullcloth lined skeleton dress tray. Deep upper sectional tray with hat and shirtwaist compartments. Covered double folding lid.

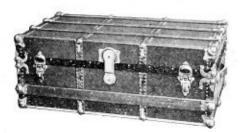
Nos	60434	60436	60438	60440
Inches	34	36	38	40
Each	\$ 16.50	17.25	18.00	19.50



Bungalo. Made throughout of well seasoned 3-ply Veneer Basswood. Covered with heavy canvas, oil painted and varnished. Full fibre bound with mottled vulcanized fibre. Two strong cowhide straps, solid leather handles. All trimmings bronzed steel with combination valance clamps, Taylor bolts, Hagney bolts, corner irons, center iron and knees. All hand riveted. Full cloth lined. Fitted with top tray, sliding toilet tray and sliding dress tray. Light in weight and serviceable.

Nos	60634	60636	60638	60640	60642
Inches	34	36	38	40	42
Each \$	26-25	27.00	27.75	28-50	30.00

Bungalo. "The Trunk with the Sidding Trays." Any part accessible at any time—all parts accessible at one time. No lifting of heavy cumbersome trays, they slide out from the end as shown in the cut and when extended are securely held in place. No complicated fittings or fixtures. The trays may be lifted out in the usual way if desired. Both hands are left free to pack or unpack the trunk. The Bungalo is a time-saver, a clothes-saver, a money saver, a back-saver.



#### STEAMER

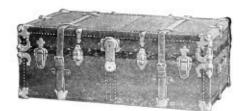
Steamer. Solid Basswood box, canvas covered. Oil painted and varnished. Hardwood slats, top and sides. Steel bottom, reinforced. Bronzed steel trimmings, Excelsion lock, heavy catches, bumpers, corners and knees. Valance clamps. Mottled fibre bound. Full covered tray with folding lid.

Nos		S190934	S190936	S190938
Inches	32	. 34	36	38
Each	\$ 8.25	8.65	9.00	9.75



Steamer. Basswood box, canvas covered. Oil painted and varnished. Hardwood slats of narrow French type. Steel bottom reinforced. Plain pattern, bronzed steel trimmings, Excelsior lock, heavy catches, corners, knees and bumpers. Full cloth lined with deep tray and sectional folding lid.

Nos	S13332	S13334	S13336	S13338
Inches	32	34	36	38
Each	\$ 9.75	10.50	11.25	12.00



Steamer, 3-ply Veneer top and bottom. Canvas covered. Bound throughout in vulcanized fibre, brown color. Hand riveted. Heavy steel trimmings. Excelsior lock, Taylor catches, Hagney bolts, valance clamps, knees, corners and bumpers. Two leather straps and solid leather handles. Full cloth lined with folding tray and full covered lid. Toilet tray.

Nos		S14436	S14438	S14440	S14442
Inches	34	36	38	40	42
Each	\$ 15.75	16.50	17.25	18.00	20.25



### DRESS SUIT CASES



Heavy tar board body, double steel frame and covered with a good grade of grained rubber cloth in brown leather color. Good straps running entirely around the case. Three hinges, steel corners, and good handle. With lock and bolts. Cloth lined with straps in body and lid.

Nos	51024	51026
Inches	24	26
Each		3.50



Made of cowhide with straps running entirely around. Heavy sole leather corners and double steel frame. With snap fasteners. Full cloth lined and fitted with shirt pocket in lid.

Nos	40024	40026
Inches	24	26
Each \$		9.75



Body of good grade heavy tar board, covered with genuine Keratol. Heavy sole leather corners, double steel frame, good lock and catches. Leather handle. Strong hinges. Full cloth lined with straps in body and top.

Nos	50624	50626
Inches	24	26
Each		4.50



Selected cowhide. Double steel frame. With heavy leather corners riveted on. Strong ring handle, good lock and catches. Double stitched short straps sewed on. Full cloth lined with shirt pocket in lid.

Nos	824	826
Inches	24	26
Each \$	12.00	12.75



Made of genuine cowhide, brown color. Steel frame with sole leather corners. Good lock and handle. Full cloth lined with inside straps in body and lid. An excellent case at a medium price.

Nos	424	426
Inches		26
Each	\$ 8.25	8.75



Bellows or extension pattern. Cowhide with heavy corners. Double steel frame supplemented by wood frame. Two straps running entirely around. Ring handle. High grade lock and catches. Full cloth lined with separate compartment in lid. The case is full cut and the Bellows gives additional capacity when extended. A handsome, durable and roomy case.

Nos	08224	08226
Inches	24	26
Each	8 15.75	16.50

### TRAVELING BAGS



Black grain leather. Leather covered frame. Imitation leather lining. French edges, sewed. Slide catches and lock. A good bag at a medium price.

Nos	3014	3015	3016	3017	3018
Inches	14	15	16	17	18
Each	\$ 5.25	5.65	6.00	6.40	6.75



Genuine smooth cowhide, brown color. Leather covered frame. French edges, sewed. Sole leather corners, riveted on. Full leather lined with pocket on one side.

Nos	3114	3115	3116	3117	3118
Inches	14	15	16	17	18
Each	\$ 8-25	8-65	9.00	9.40	9.75



Black grain leather, imitation Walrus. Strong handle, good lock and catches. French edges, sewed. Sole leather corners, riveted on. Full leather lined.

Nos	3214	3215	3216	3217	3018
Inches	14	15	16	17	18
Each	\$ 7.10	7.50	7.85	8.25	8.65



Black grain leather. Made on English frame and hand sewed. French edges, sewed. English lock and catches. Strong handle. Full leather lined with three inside pockets.

Nos,	30716	30717	30718
Inches	16	17	18
Each \$	12.00	12.75	13.50



Black grain leather, cut very large. Sewed on corners. French edge. Strong handle. Slide catches and lock. Imitation leather lined.

Nos	3415	3416	3417	3418
Inches	15	16	17	18
Each		7.85	8-25	9.00



Genuine cowhide, brown color, smooth stock. English frame and English lock. Sewed on corners. French edges, sewed. Hand made handle. Full leather lined with three pockets inside.

Nos	3916	3917	3918
Inches	16	17	18
Each \$		14.25	15.00



### TRAVELING BAGS



Extra heavy black leather, oak tanned. English frame and sewed on corners. Hand made handle. Three inside pockets. A three-piece bag of exceptional value.

Nos	7817	7818
Inches	17	18
Each	\$ 15.75	16.50



Genuine Walrus leather. Pinned-in frame, French edge, stitched. Handmade handle. Full leather lined with three pockets. Extra high in grade and suitable for ladies' use.

Nos	22415	22416
Inches	15	16
Each \$	21.00	22.50



Extra heavy grain cowhide, black color. English frame, English lock and throw-out spring catches. Very large sewed on corners. Hand made handle. A strictly high grade bag.

Nos	4017	4018
Inches	17	18
Each \$	16-50	17.25



Genuine Walrus leather, full weight. Hand sewed in English frame. Spring throw-out catches, and hand made handle. Very heavy sewed on corners. Full leather lined. With three pockets. A bag of exceptional value and elegant in appearance.

Nos	34417	34418	34420
Inches		18	20
Each	\$ 27.00	28.50	30.00



Extra heavy grain cowhide leather, black color. English frame, English lock, throw-out catches and hand made handle, Sewed on corners. Full leather lined. Three pockets.

Nos	7217	7218
Inches	17	18
Each	\$ 18.00	18.75

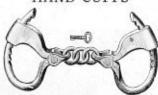


Heavy Walrus grain cowhide. English frame. Large sewed on corners. Full leather lined. Complete with set of toilet articles suitable for men.

No	14018
Inches	18
Each	\$ 31.50

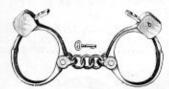
## POLICE EQUIPMENTS

#### HAND CUFFS



Tower's Double Lock Hand Cuffs. Forged steel shackles and adjustable to any size. Two secure tumbler locks, one self-locking, the other locked with a key.

No. 10.—Polished	Per pair \$	4.00
No. 11.—Nickel-plated		4.75
No. 20 Polished. With patent stop		4.00
No. 21 Nickel-plated. With patent stop		4.75
No. 30 Polished. For three hands		6.00
No. 31 Nickel-plated. For three hands,	. "	7.00



Tower's Detective Handcuffs. Forged steel bows and extra light in weight weighing but 12 ounces per pair.

	Transfer Property
No. 60.—Polished	Per pair \$ 4.00
No. 61.—Nickel-plated	" 4.75



Bean's Improved Handcuffs.

No. 1. —Polished	Per pair \$	4.00
No. 1N.—Nickel-plated	**	4.75

#### LEG IRONS



Tower's Double Lock Leg Irons. Work automatically and hold securely. Forged steel shackles.

No. 50.—Polished	Don no	air \$ 6.00
Time and Tournerd .	Fer Di	31F S 6.00
37 84 541 1 1 1		4 0.00
No. 51.—Nickel-plat	ted 4	7.00

#### KNUCKLERS OR METAL GLOVES



### TWISTERS AND NIPPERS





No. 1

No. 2

No. 1.—Tower's Perfect Twisters, Weight, 3 oz.
Inter-locking handles, closing automatically
Per dozen \$ 12.00.



No. 3.—Phillips' Nippers. Nickel-plated. Forged steel. Easily worked with one hand.

#### POLICE CALLS



#### POLICE CLUBS



Bean's Flexible Clubs. Made of sole leather over elastic steel spring wires. Swivel end and strap. Braided handle.

Inches ........ 8 10 12 14
Per dozen ...... \$ 18.00 21.00 24.00 27.00
POLICE OR HANDY BILLIES



No. 4.—Plain Russet leather, machine sewed. Shot loaded. Weight 7 ounces......Per dozen \$ 6.00



No. 2.—Black and Russet fancy leather. 6 plait. Latigo hand loop. Weight 9 oz. Per doz. 8 11.25



